

Ingram Notebook No 6 April 19th 1921 – July 9th 1922

1921 *All times are Summer Time*

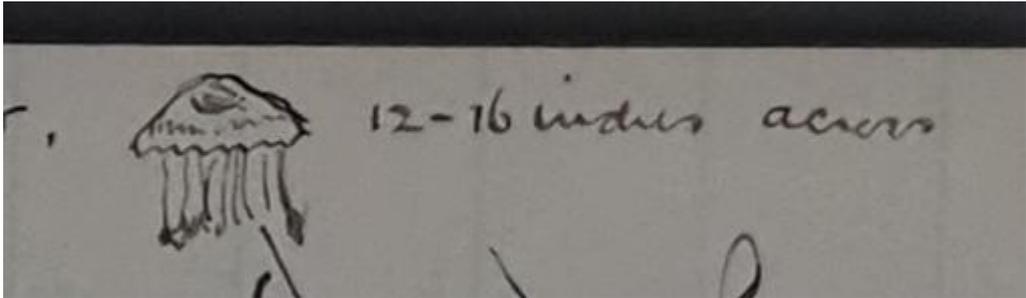
<p>April 19th 1921</p>	<p>Left home at 6-20 AM. About 50-60 gulls in Recreation Grounds. 1 mature Lesser B.B. the remainder mature & immature Common & Black headed. Went on to Wild Gardens where I met Morrey.</p> <p>Had a look around & noted the various nests. The Robin D.5.b soes not seem to have done anything more. Moorhens C.4.a. looks more promising & has been added to. Greenfinches C.2.b is being lined with feathers. The supposed Linnet W.2.d. turns out to be a Hedge Sparrow & has 1 egg. Blackbird E.4.b has been robbed. The young Mistle Thrushes W.7.c look ready to leave the nest. Tree creepers C.6.d. has 4 eggs Blackbird E.6.c is safe & sitting. Kingfisher C.6.c was seen to leave the nesting burrow. Fund a Mallard sitting on eggs in the wood E.6.b. A Song Thrushes being lined with mud F.7.b Also found another Song Thrush with empty shells I the nest D.6.b</p> <p>Heard the first Tree Pipits in the Wild Gardens two birds. Saw 1 Sand Martin only around the lake No sign of Swallows or House Martins, a pair of Sparrow Hawks flew across the wood. Saw a pair of Gold Crests in W. Gardens</p> <p>In the evening I saw two swallows hawking around Roath Court</p> <p>At council meeting C.N.S. examined skins of 2 male Great Crested Grebes shot on Llanishen Reservoir on the 15th inst. also the male Peregrine shot at Penarth. Also hawfinch & little Owl from St Fagans.</p>
<p>April 21st 1921</p>	<p>Out at 5-50 AM. No gulls in Recreation Grounds. Met Morrey at 6 AM. & we went to Wild Gardens. Roped together the trees to west of Magpies nest the job taking until 7-30. No sign of the Blackcaps. Only heard Chiff Chaffs & Willow Warbler</p>
<p>April 24th</p>	<p>Out at 6.25 AM. No gulls in Recreation Grounds. Met Morrey a Fair Oak & went to the Wild Gardens. Morrey went up & roped the tree near the Magpie nest closer together. I had a quick look around at some of the nests. The Moorhens C.4.a is still empty. Greenfinch C.2.b has 4 eggs. Song Thrush F.7.b has 3 eggs, very finely & sparsely speckled at large end. Chaffinch E.7.c has 4 eggs. Thought I heard a Blackcaps uttering its "taci taci" note in the wood & later quite certain and spotted the bird & watched it thro my glasses. A male & he sang short snatches of song once or twice. Heard the Cuckoo somewhere just outside the Park rails</p> <p>Passing the lake coming home saw a bird standing on the edge & a glance thro the glasses showed our od friend the Common sandpiper. No Swallows or Martins seen at all.</p>
<p>April 26th 1921</p>	<p>Out at 5.50 AM. No gulls in Recreation Grounds. Met Morrey & went on to Wild Gardens. Cut up some branches & started foundation of hide by Mags nest. .Heard a Grasshopper Warbler ?? in the fields to east. Saw two male Blackcaps in the Wild Gardens & heard a Tree Pipit singing, also a Cuckoo & a large number of Willow Warblers. No Chiff Chaffs heard & no swallows or Martins seen. 2 Goldcrests seen in trees on West side of lake</p>
<p>April 27th</p>	<p>Out at 5.55 AM. No gulls in Rec Grounds. Met Morrey & proceeded to Wild Gardens & carried on with the hide at Mags. nest. Finished the framework of floor & commenced to fill it in. We afterwards had a quick look around at some of the nests. Moorhen (11) still</p>

	<p>empty, Greenfinch (20) has five eggs now, Hedge Sparrow (21) has 3 eggs. Song Thrush (23) still only 3 eggs. Found another Wrens nest in wood (E.5.d (No. 26).</p> <p>The following migrants were heard in the Wild Gardens around Cuckoo. Grasshopper Warbler, Chiff Chaff, Willow Warblers & one male Blackcap. Saw a party of 5 or 6 Lesser Redpoll at Northend & the Goldcrests seem to be busy about there.</p> <p>Coming home saw six Swallows above the lake and one Swift so evidently there has been another immigration since yesterday.</p> <p>Two or three more Lesser Redpolls seen among the trees North end of Lake</p>
<p>April 27th</p> <p>(ed probably should be 28th)</p>	<p>Evidently another immigration of Swifts last nigh as three were flying around Gold & Clifton street haunt this morning.</p>
<p>April 29th</p>	<p>Out at 5.50 AM. No gulls in Rec Grounds. Met Morrey & proceeded to Wild Park. Sandpiper on lake side & outside the Wild Gardens heard & saw the first Whitethroat. Also saw a pair of Lesser Redpolls on the road between Wild Gardens & lake.</p> <p>Looked around the gardens & noted some of the nests. Moorhens (11) still empty. Chaffinch (13) sitting. Kingfisher (5) birds very lively on the brook & seen at perch No2. Magpie (1) one of the birds seen.. Song Thrush (8) young flown nest full of ivy seeds. Blackbird (19) has been robbed. Robin (18) has young. Mallard(22) sitting. Song Thrush(23) sitting. Blackbird(15) young growing well. Found six fresh nests the Great Tit (27) being at home in the same hole as last year & resenting investigations with frantic hissings. A pair of Chiff Chaffs appear to be considering nesting about (D.6.8) & we watched them for some time. Other migrants seen or heard in Park were Willow Warblers, Cockoo, Blackcap, Tree Pipit, Sand Martin1. Swallows 3 or 4, Swifts about a dozen. Morrey also saw a pair of House Martins (Monthermer Rd.) There are several pairs of Lesser Redpolls in the Wild gardens & they were ?? & flying over the tops of the trees in characteristic fashion</p> <p>Water vole seen below Kingfishers burrow swimming in the stream. Weasel crossed the path by S.W. Gate.</p> <p>Coming down to office saw Swifts at Oakfield St. (screaming) & Gold St. (many) Two Swallows at Roath Court Swifts also seen at Howard Gardens and Waterloo Gardens.</p> <p>Went for walk with Belle in the evening along the top road to the reservoirs & down past Woods Covert home via the park. Heard Cuckoo, Tree Pipits, & Grasshopper Warblers in the wood top of Cefn Coed Road, & a Whitethroat a little further on. Grasshopper Warblers in Woods Covert & by the Wild Gardens.</p>
<p>May 1st 1921</p>	<p>Out @ 6-20 AM. Saw no gulls Met Morrey outside Wild Gardens Several Whitethroats seen. Got into hide by perch 2 (Kingfishers) & found on the floor of it the remain of 4 Gudgeon about 6 inches long. One eaten only at back of neck & several others more so. Perhaps the work of young Otters. Waited for some time (3/4 Hours) but the hide was too thin & could be seen into & the birds did not return so we gave it up. Lesser Redpolls in the trees over the hide constantly.</p> <p>Came out 7 met Morrey who had found a Chiff Chaff building (E.7.c (33). Sat & watched this bird who was very busy constantly returning to the nest site. As we watched it a pair of Long Tailed Tits came into the bushes near. The firs we have seen of this species</p>

	<p>since 1914. Hope they will remain & nest. Found a couple more Wrens building ((43&35) Chaffinch (13) has been robbed. Hedge Sparrow (32) still only has 3 evidently full clutch. Mallard (22) has 7. A large number of Swifts & two Sand Martins seen, also three Male Blackcaps in the wood & several Lesser Redpolls. The Pair of Magpies were also seen once</p>
May 3 rd 1921	<p>Overslept and did not leave the house until 6-45 AM. Went straight to the Wild Gardens but no sign of Morrey. Visited Kingfisher hide & found in the bottom three more Gudgeon which I picked up to take home with me.</p> <p>As I was doing so one of the Kingfishers flew onto the Perch carrying a fish which is proceeded to kill by hitting against the roots & then swallow. It found some difficulty in the latter operation, but eventually got it part way down out of sight. It remained for quite two minutes with open beak, bent forward gulping & trying to completely swallow its meal. At length this was accomplished & the bird then dived off the root into the water & back up onto the perch again doing this 8 or 10 times. It then began to preen & afterwards flew to the perch near the foot of the bank & continued to preen.</p> <p>Visited the Chiff Chaff (33) & found a very well made nest not lined yet. The Youngsters in Blackbird (15) are feathered & will be off in a day or two. Thrush (23) & Robin (29) were both sitting, As I passed the Mags. one of the birds emerged from the nest & made off. Visited Moorhen (11) but nothing doing, however I found the proper nest in the hedge at B.3.b. the bird moving off as I looked. It contains 2 eggs. Saw several Lesser Redpolls coming home. Noted 2 Swallows by the lake. Later in the day saw 1 Swallow Roath Court and 1 Waterloo Gardens.</p>
May 4 th 1921	<p>Out at 5-50 AM. No gulls, Met Morrey & went on to Wild gardens seeing a Grey Wagtail at lake edge. Morrey said he saw one in the Wild Park near South end on the 1st. Two Tree Pipits were singing from trees near S.W. Gate</p> <p>Examined hide but no fish there today. Later we examined the mud a side of the stream & found unmistakable tracks, a very small otter cub by the look of them.</p> <p>Near the shelter spotted two new arrivals Spotted Flycatchers, also saw a pair of Lesser Redpolls hanging around same place, Cut some more wood for our platform at Mags nest & Morrey fixed it up aloft. Blackbird (15) young one still in nest. Thrus (23) sitting tight. Examined the new Moorhen nest (36) & found 3 eggs. Coming home noes a Little Grebe on the lake. Another Swallow immigration, very many flying low over the lake. Both Mags seen in Wild Gardens.</p>
May 6 th 1921	<p>Went to Llanishen with Morrey at 6-45. PM to see Harold Evans. Had a look a look around the nursery & found 10 nests. 5 Linnets, 3 Thrushes 1 Chaffinch & 1 Greenfinch. The latter has very peculiar eggs, some being marked with very minute specs at large end ??? The Swallows have not returned to the Nursery yet. Got dates for R.B. Shrike, Yellow Wag., Nightingale & Sedge Warbler</p>
May 7 th	<p>Saw a Heron flying in from the E. Moors across Waterloo Gardens as I was on my way to the office this morning.</p>
May 8 th	<p>Morrey went out by himself this AM. & reports in reservoir field a pair of Sedge Warblers. Also saw among a large flock of B. Headed and Common Gulls over & on the Reservoir the Ivory Gull which he watched for 20 mins. Confirming my record.</p>

	Grasshopper Warblers abundant in Woods Covert, also heard a Nightingale there & the Turtle Doves, also a Garden Warbler
May 9 th	<p>Out on my own at 5-50 this AM. & went to Wild Gardens. Had a look at some of the nests. Chiff Chaff (33) has 3 eggs & was sitting. Fluttered off and around when I touched the nest. Great Tit (27) seems to have young. The youngsters in Blackbird (15) have left. Thrush (23) has been robbed & the nest pulled out. Found a Blackcaps nest which looks new at. Hedge Sparrow (32) has 1 newly hatched young & 2 eggs. Wren (10) has 2 eggs. Greenfinch (20) has newly hatched young just out. Saw a male Lesser redpoll near Kingfisher hide sitting motionless on a branch & watched him for 5 mins. Before he flew off across the brook.</p> <p>Saw the Kingfisher & one of the Magpies & heard a Garden Warbler. Moorhen (36) has only 3 eggs & was sitting.</p>
May 10 th 1921	Out at 6. AM. & met Morrey & went to Wild Gardens, Completed the hide at Mags with the exception of the canvas. Saw nothing of note but noticed 3 swallows over lake. Saw about 3 pairs of Lesser Redpolls. Examined some of the nests. Chiff Chaff (33) has 4 & Wren (25) now has 4 eggs. Found another Wrens (37) & watched a Mistle Thrush building (38). This is one of the pair that hatched off their first brood safely. The Mag was on the nest & left when Morrey threw up a stick. Marden Warbler heard on islands.
May 12 th	3 Swallows & several Sand Martins seen over the lake this evening
May 13 th	<p>Out at 5-50 AM. & met Morrey & went up to Wild Gardens. Looked around & found the following nests empty evidently robbed Wren (10), Greenfinch (20), & Wren (25). Found a Marsh Tit's nest with young (39), in an elder stump over the stream one of the birds being at home & resenting our peeping with the usual hissing explosions. Found another Greenfinch sitting on eggs.941) & a female Blackcap Warbler sitting on 1 egg (40).</p> <p>Observed a pair of Tree Pipits running about & obviously prospecting for a nest site. The Magpies were both seen visiting the nest so evidently the young are hatched.</p> <p>There were 3 Little Grebes on the lake</p>
Saturday May 14 th 1921	<p>Started with Morrey for a 4 day trip to Gower in his car. Leaving the house at 7-30 AM. Boud for Llangennith.</p> <p>Between Ewenny & Laleston a Little Owl was seen flying across the road. Reached Llangennith at 11.AM. & ran the car among the dunes leaving it there while we took our glasses & went to have a look at Burry Holm. The tide was going out, but it was impossible to get across to the Holm then. So we returned to the car & had lunch, after which we took our cameras & made off, Tide still too high to get on the Holm so we explored the cliffs towards Llanmadoc. Jackdaws breeding in numbers on the cliffs & we soon ran across Herring Gulls all along the Cliffs, which were very easy to work.</p> <p>Found a large number of nests & eggs, & took some photos. Worked around nearly as far as Llanmadoc & then returned to Burry Holm which was now high & dry. Crossed & examined the cliffs all around the island but found nothing but Herring Gulls nests, although we saw one Lesser B.B. Gull & two Turnstones. Went back to the car seeing 3 Ravens as we crossed the dunes. It started to rain & was soon coming down heavily. Moved to try & find some dry quarters & was lucky enough to discover an old lime kiln which offered shelter. Got the car up to it & soon had a head cover rigged & side screen. Water was near so had a good tea. Went into the village thro the rain in the evening,</p>

	<p>seeing or hearing the following birds. Shelduck, Meadow Pipits, Wheatear, Lapwing, Linnet, Corn Bunting, Whitethroat, Yellow Hammer, Skylark, Cuckoo, Blackbird, Swifts, Swallows, Curlew, Magpie, & Corncrake.</p> <p>Returned to our camp about 9 o'clock & had a good supper of hot sausages & cocoa. Turned in at 10.30. Still raining.</p>
<p>Sunday May 15th 1921</p>	<p>Awoke at 6 a.m. to find it fine but stormy looking. Had breakfast (hot bacon & eggs & coffee) & then dismantled our shelter. Weather improving all the time. Packed away our spare things & then set off across the dunes for the Herring Gulls colony on the cliffs towards Llanmadoc.</p> <p>Set up our tents opposite some nests on a very fine piece of cliff & soon had the majority of the birds back & secured some good shots. Spent the day here until 3 p.m. seeing a very large flock of Oystercatchers, Stock Doves, Ring Plovers, Cormorants & Razor bill also Rock Pipits, beside a number of other birds mentioned before.</p> <p>Returned to camp, & had a lunch – tea, afterwards packing up & leaving bound for Rhosilli, which we reached about 6 p.m. Took a walk around towards Mewslade along the edge of the cliff, seeing two Ravens & a Kestrel. At Mewslade Bay found 3 colonies of Cormorants, one of some 6 nests, one of 10, & one of 3. All in most inaccessible places. Herring Gulls breeding all along the cliffs. Returned & camped under a wall near the coast guard station on Rhossili Head. Turned in about 10.30 p.m. Beautiful moonlight night. Heard Partridges & an owl (Barn?).</p>
<p>Monday May 16th 1921</p>	<p>Up at 5.30 a.m. & soon had breakfast & packed up. Moved car to outside the Coast Guard station & then set off across to Worms Head. Spent the day there finding Herring Gulls breeding, a small colony of some 10 pairs of Lesser B.B. Gulls, Razorbills (2 Nests found) & Guillemots in great numbers the latter also appeared to be breeding. At extreme end came across a small colony of Cormorants 4 pairs with nests & eggs. Spent some time photographing Lesser B.B. Gulls from a tent. Also secured by climbing, snaps at Razorbills, Guillemots, & Cormorants.</p> <p>Other birds seen were Turnstones (5), Linnets, Rock & Meadow Pipits, a pair of Great B.B. Gulls, Oyster Catchers, Swifts, Swallows, Carrion Crows, Curlew & (?) Whimbrel were heard.</p> <p>Spent some time watching Guillemots & Razorbills leaving & returning to their ledges. The Razor Bills, dived off down to the sea with head & neck greatly depressed, wings upraised & moving, in a jerky way at intervals, until nearing the sea, when they were whirred rapidly as the birds skimmed along turned, & rose again towards the cliff. When alighting they spread eagled themselves, flattening out with motionless wings as they checked their way before finally alighting.</p> <p>Got back to the car at 6.30 p.m. & had tea at once, afterwards repairing one of the tyres of the car & binding up a broken spring. Moved to last nights camping ground, had supper & turned in, being visited by a Barn Owl. Birds seen at Rhossili were Ravens (3) Carrion Crows, Jackdaws, Corn Buntings, Yellow Buntings, Skylarks, Whitethroats, Stonechats, Meadow & Rock Pipits, Wheatears, Cormorants, Swifts, Magpies, Cuckoo, Barn Owl, Partridge, Herring & Lesser B.B. Gulls, Curlew, Kestrels.</p> <p><i>This date has a vertical entry on the left hand side of the page with an illustration. Wording is as follows:</i></p>

	<p>Tremendous numbers of very large Jelly Fish seen floating past</p>  <p>12-16 inches across.</p>
<p>Tuesday May 17th 1921</p>	<p>A spot or two of rain awoke us at 5.45 a.m. but it cleared at once. We were up & had breakfast & packed up by 9 a.m. when we set off in the car on our way home. Stopped at Middleton & cut across the fields to Mewslade Bay where we secured some records of the Cormorants nesting sites. Back to the car & went on to Reynoldstone & across Cefn Bryn stopping the car on top while we had a look around & visited Arthurs Stone. Proceeded as far as Broad Pool where we halted & had dinner after which we set off bound for home via Kenfig. Reached Kenfig at 2.30 p.m & leaving the car set off for Redshank ground. The gullery at Mawdlam was bone dry, no water in any of the hollows. Saw 3 or 4 pairs of Redshank & upon visiting last years nest found that a bird had used it again & there were 3 eggs in it a most unusual occurrence. Took some photos of the nest & then went back to the car, had tea & made for home which we reached at 7 o'clock p.m.</p>
<p>May 19th 1921</p>	<p>Out at 5.55 a.m. & met Morrey & went on to Wild Gardens. Morrey went up to Mags hide with the canvas to complete it, & I climbed the tree with the nest taking a saw to cut away some branches. Had a peep into the nest which contains young about 10-11 days old how many I could not see beyond one.</p> <p>Had a look around afterwards & found Chiff Chaffs (33) has 6 eggs the bird was sitting. Moorhen (36) was also sitting on two eggs only. Blackcap (40) the female was at home & remained on the nest until I nearly touched her. There are 4 eggs now. Found a specimen of the Clouded Bordered Brindle moth by the shelter.</p> <p>Coming home spotted the male Red Backed Shrike at his old haunt by the Jews Cemetery.</p>
<p>May 21st 1921</p>	<p>Out at 6 a.m. meeting Morrey & going to the Wild Gardens. Fixed a lens hood into front of Mags hide & completed it at back. Had a look around & watched the pair of Marsh Tits feeding young in nest (39). Had a look in & found the young nearly fledged. Hedge Sparrow (32) has taken off 2 young leaving an added egg in the nest. Morrey climbed to Mistle Thrush (38) & found 5 eggs in the nest. Heard & saw about 3 pairs of L. Redpolls. Morrey heard a Turtle Dove while he was up in Mags hide.</p>
<p>May 22nd 1921</p>	<p>Met Morrey at Fair Oak at 7 a.m. & went on to the Wild Park to try for the Mag. Having won the toss I was soon inside the hide & had everything fixed by 7.50. Soon after Morrey left one of the birds returned & but I did not expose as a branch cut across the bird. It flew up into the nest, fed the young & left. Its mate came close on its heels using the same perch, so a snap was useless. It also flew up fed the young & left. In another five mins the first of the pair returned using same perch, flew up & fed young & then brooded. Its mate followed & I set off the shutter as it appeared to be clear of the obstructing branch. The f.p.s. scared the pair & they both left hurriedly I hooted for Morrey & he soon turned up, & pulling on the irons climbed to the nest & removed the</p>

	<p>offending branch & one or two other twigs. He looked into the nest & counted the young. There are three of them. The birds were back within 10 mins of his departure & one went on to the nest & brooded. I left them in peace for a while & the presumed male made two journeys with food. He kept the nest between himself & the hide as much as possible using a new route to get to the entrance, in one case coming over the top of the nest.</p> <p>On his third trip he used the perch & I snapped, sending him off in a hurry. The bird on the nest kept quiet but slipped off when I rewound the shutter. They are extremely silent & cautious & only once or twice did I hear them utter any note, and then only a very low & subdued chuck. They returned in about 20 mins, both avoiding the perch & after having hung around about 10? yards from the nest for 5 mins. As before one bird after feeding the young brooded them & the other foraged & after one or two trips undisturbed by me, used the perch & was snapped again. Both birds were frightened off but were soon back, creeping in under cover of the nest. One was brooding & the other just summoning up courage to return when Morrey came back & said my 2 hours were up. Changed places with him & cleared off, spending the time up to 12.45 in trying to dodge the people who were now in the Park in numbers. Morrey only got one chance as the birds were now very shy.</p> <p>Saw a Grey Wagtail by South Bridge. Heard the Turtle Dove again. Marsh Tits (39) still feeding young in nest.</p>
<p>May 24th 1921</p>	<p>Out at 5.25 a.m. meeting Morrey & going to Wild Gardens. Soon had M. Shut up in Mags hide by 5.55 and then I had a look around. Marsh Tits still feeding young. Found a Wren building (43) & a Song Thrush with large young (44). Moorhen (36) was sitting. Saw a party of 4 L. Redpolls but could not spot any sign of nesting. Blackbird (42) has been robbed, but the Mistle Thrush (38) is all safe & sitting. Morrey called at 7.15 & descended. He had had only one chance although the birds were not shy they did not use the perch much. Appear to have made a new entrance to nest facing West. One bird did a lot of brooding while the other foraged. Although for ½ an hour the young were fed at 2 min intervals.</p>
<p>May 25th 1921</p>	<p>Met Morrey at Fair Oak at 5.30 a.m. & we went to Wild Gardens. Had M. Shut up in the Mags hide by 5.55. & then set off to look around. Marsh Tits still at home & I had a look at them. Could see 3 & they appeared to be fully fledged. Visited the bamboos & found a Greenfinches nest with 1 egg (45). The Blackcap has been robbed. The Chiff Chaff was just hatching out her eggs there being 4 young & 2 eggs in the nest. Saw one female L. Redpoll & heard several others. The Great Tits (27) were feeding young. Morrey called at 7.15 & I found he had had another chance. Birds take no notice of shutter now. Nest not visited so often as yesterday.</p>
<p>May 26th 1921</p>	<p>Met Morrey at 5.30 a.m. & went to Wild Gardens. I climbed to the Mags hide this time taking Morreys camera. Owing to his having broken the fitment for clamping it to the branch, I had to use it in the hand. Settled by 6 a.m. & Morrey left. One bird was soon back within (7 or 8 mins) & entered the nest via the side door. It stayed standing on the edge of nest for some time & the second bird arrived & after hesitating in the tree came on to the perch & I snapped. It took no notice of the shutter but flew up into the nest, fed the young & left. About five mins later the other bird, who had remained in the nest all this time, flew off. It was back in 3 or 4 mins & made three trips in all & then remained away until 7 o'clock. During this spell the young were moving about in the nest & a great deal of wing flapping went on. The "branch percher" returned at 7 o'clock and after the usual hesitation, came to the perch, where I snapped it, & went on into the nest, fed the</p>

	<p>young & flew off. The "side door" bird then returned & after a short stay left again, & Morrey came, time being up.</p> <p>He had found a Lesser Redpolls nest under construction in the Poplar near the Moorhens, & also a Willow Warblers nest with 7 eggs close to it.</p>
May 27 th 1921	<p>Met Morrey at 5.30 a.m. & went on to Wild Gardens. As it was too dull for photography we spent our time fixing a tripod in Mags hide & trying to remove some of the background foliage behind the perch.</p>
May 28 th 1921	<p>Did not reach the Wild Gardens until 5.50 a.m. as I overslept, Morrey was waiting & reported Grey Wagtails carrying food & visiting a spot under the bridge between Wild Gardens & Lake. Fixed up Morrey in Mags hide & left him at 6.15. Went to south end & watched under the bridge & soon spotted the Grey Wagtails returning & feeding young in a nest on the bridge support (49). They were very busy & I marked the place without any trouble. Also found a pair of Blue Tits feeding young in the same spot as a pair bred last season, the little patch of wall near shelter on bank of stream. (48). The nest could just be seen & someone had evidently been trying to get at them. Willow Warbler (47) has hatched her eggs & was feeding the young.</p> <p>At 7.15 Morrey hooted & I released him. The birds had been very busy coming at 2 min. intervals from 6.30. He had secured 3 snaps. The young were very lively constantly flapping & stretching.</p>
May 29 th 1921	<p>Met Morrey at 5.30 a.m. & made for Wild Gardens. I took first spell at the Mags 6 to 8. & was soon shut up. Up to 7.15 the birds returned about 14 times & I secured 4 snaps, but after that time a long spell of absence set in. This was broken at 7.45 & they came 4 times to 8. & I got one more chance. On one occasion one of them brought a small red or? pink object that looked extremely like a young bird. When meeting near the nest the pair talked to each other in low chucks The young indulged in no end of wing flapping & appear to be near flying.</p> <p>Morrey relieved me at 8 & after seeing him settled in I took a look around. Saw a pair of S. Flycatchers at N.end. Moorhen (36) has hatched & there was one youngster in the nest. Found a Chaffinch's nest (50) with young nearly fledged, & another Blue Tits in the roof of the shelter (51) the pair being busy feeding young.</p> <p>Morrey called at 10 o'clock. He had only had two chances. He reports & young bird brought by one of the mags.</p>
May 30 th 1921	<p>Went with Belle to Dynas Powis by 4.18 p.m. train to attend Field Walk B&G section C.N.S. Had tea with President (Mr Sibbering Jones) & then started for Michaelstone-le-pit & Cwrt-y-Rala. Found a Kingfishers burrow, evidently with young at Michaelstone, & in the Walled Garden at Cwrt-y-Rala a pair of Blue Tits were busy feeding young. Saw a Brown Owl near the house & another in the old Castle at Dynas Powis. Found specimens of the Cream Spot Tiger & Clouded Magpie moths. Mr Sibbering Jones pointed out the Woodlarks haunt.</p> <p>Entered 14/11/1921 GCSI</p>
May 31st 1921	<p>Met Morrey at 5:30 a.m. & went to Wild Park. M. had a pair of rubbers & put them on & tried to get to the Grey Wagtail's nest but the water was too deep. He then climbed to the Mag's nest & one of the youngsters flew off as he climbed, flying strongly.</p>

	<p>Three remained in the nest & so he pocketed one & descended with it. We rigged up a perch & took its portrait, M. afterwards returning it to the nest. In spite of the chattering of the chick that flew off & the squawking of the one M. captured, the adults failed to come near although one was seen & both remained quiet.</p>
June 2nd 1921	<p>Met Morrey at 5:30 a.m. & went to the north end of the lake. Examined the belt of firs & bushes there for L. Redpolls but found no trace of any nests. The Grey Wagtails were busy & appeared to be carrying nesting material to another spot under the bridge. Found a Blue Tit (52) feeding young close to the G. Wagtails nest, & on the S. East Island a second pair of Magpies (53) evidently with young in the nest. Went into the Wild Park & had a look round. The Mags there still seem to have their young in the nest & were seen entering & leaving the wood. Lesser Redpolls were busy removing nests (46) bit by bit to spot somewhere near the upper (North) bridge but we could not locate the exact place. The female was very busy & has removed quite half the nest already.</p> <p>Three Gulls in Recreation Grounds this morning. First seen there for some weeks.</p>
June 3rd 1921	<p>Met Morrey at 5:30 a.m. & went to the Wild Gardens. M. went up to Mag's hide. The young are still at home although one was sitting at the entrance hole & another in a branch below while a third hopped all around & over the top of the nest, flying backwards & forwards from the top of the nest to a branch below several times.</p> <p>After fixing M. left him & went to look into the Grey Wagtail's business. Watched at the bridge under road for some time & as far as I can see, they are building again on the left side this time. The nest on right was not visited at all so evidently the young have flown. Also watched some ducklings out on the lake diving continually in two & threes. There was about 8 of them in a small group, & the divers seemed to be bringing up food from the bottom. They went under with a great splash but did not remain down for very long. L. Redpolls were in the alders here constantly but no sign of a nest.</p> <p>Found another pair of Blue Tits (54) feeding young in a hole low down an alder trunk. Walked up to the small fish ponds & was greeted by L. Redpolls there. The nest in the Poplar has been removed all except the very base, but I could not spot the new site anywhere.</p> <p>M. called & I went to him. He had secured 2 snaps & reported several visits by the adults. The four young were hopping all over & round the nest & were fed on the top usually gathering around the parent when it arrived.</p>
June 5th 1921	<p>Met Morrey at Fair Oak at 6 am & went to Wild Gardens where we left our bikes & then crossed the east road & entered the fields. In a patch of nettles ??? the road opposite to the Wild Garden's railings was a Whitethroat's nest with young & also a Hedge Sparrow with 4 eggs. Got into the small wood & moved our way up to the behind the field where the R.R. Blood play baseball. Here a Lesser Whitethroat was singing. Found a Garden Warbler's nest with 5 eggs, one of the birds being at home. Photographed this & then turned our attention to trying to find the Lesser Whitethroats nest. Morrey found a Magpie's with young about a week old & I eventually discovered the "looked for nest, quite completed but empty. Returned to Wild Gardens where I had a look at the Chuff Chaff's. They are pretty well fledged & appear likely to leave at any time.</p>

	<p>Visited the Mags. One of the youngsters was in a neighbouring tree. Two others were still hanging around the nest. Now that the young are moving about and can fly, the old birds resented our intrusion by loud chuckles, quite different from their silent behaviour when there were eggs or the young still in the nest.</p>
June 7th 1921	<p>Met Morrey at 5:30 a.m. & went to Wild Gardens. The Mags appear to have left the nest altogether as there was no sign of them there although we saw one of the adults.</p> <p>Had a look around. The Chiff Chaffs are still in the nest but may leave at any moment, also the young Willow Warblers.</p> <p>Found a Blackbirds with 1 egg. (55) but nothing else. Took two stereos of the Mags site from the ground. F16 ½ & 1 second. Well. Arte screen</p>
June 9th 1921	<p>Met Morrey at 5:30 am & went to the field below the Jews cemetery where he had found the R.B. Shrike's nest on the 7th. The Nest is situated within six yards of last year's site & is placed in a clump of Hawthorn & Dog Rose. It is made externally of dead grass stems with a few twigs & lined with rootlets, horse & cow hair. It also contains a feather or two & a bit of rag & small piece of string. It contains 6 very finely marked eggs, cream ground zoned at big end with a well marked band of brown spots. It is about 4 feet from the ground. The female was sitting and allowed us to approach closely before she slipped off.</p> <p>By using extension legs to my big tripod we got a couple of stereos of the nest & eggs, shading the nest with a coat during the exposure as the sun was strong; F32 12 seconds & 15 seconds. Wellington anti screen. Went on to the Wild gardens. The Chiff Chaffs have flown & the Willow Warblers appear to be on the point of leaving.</p>
June 11th 1921	<p>Overslept & did not reach Wild Gardens until 5:50 A.M. Morrey was waiting & as it was a dull morning we decided to photograph the "hide" from the Magpie's nest tree. I put on the irons & went up to the nest & then threw the irons down to Morrey who after sending up my stereo camera climbed up to the "hide". I soon had the camera fixed & took two photographs. Wellington anti screen plates. F8 ¾ sec & 1 ½ sec. Could not give a longer exposure on a/c of the movement of the trees as there was a bit of a breeze blowing. Afterwards I knocked out the old nest below this season's home, leaving the latter to settle down as a foundation for next year.</p> <p>Visited the Whitethroats afterwards but no eggs in nest. Morrey dismantled the "hide" except the floor.</p>
June 13th 1921	<p>Visited Sully Island with the B&G section this evening. Among some 12 or 15 immature gulls feeding on the mud on the N.E. side of the island was the presumed Ivory Gull. Had a good long look at it & noted the length & shape of the wings which are long & narrow. It flies like a Tern or B.H. Gull. The feet appear to be flesh colour, however. It was certainly smaller than the gulls it was feeding with. Plumage entirely white making it very easy to pick it out from the other gulls with the naked eye. Feeding on the same</p>

	<p>spot were a pair of Oystercatchers, three Redshanks & one Curlew. Also saw a Ring Plover. Rock Pipets appear to have fully fledged young among the rocks.</p>
<p>June 15th 1921</p>	<p>Morrey called for me soon after 6 P.M. & we set off for the Shrike's nest taking the framework of my tent with us. We found the nest all safe. The young still have their eyes closed. Set up the frame quickly and hid it as much as possible the female Shrike scolding us all the while from the top of a Sloe Bush close at hand.</p> <p>Visited Woods Covert & inspected the Turtle Dove's nest found by Morrey on the 14th. Nothing in it & the birds were not seen anywhere near the spot.</p>
<p>June 16th 1921</p>	<p>Met Morrey at Fair Oak at 6 A.m. & went to the Shrike's nest taking the cover of the "hide" with us. The female was on the nest & remained there while we put the cover over the frame & disguised it. We then returned to the edge of the orchard & from there watched the birds. The male made his first appearance on the top of the Holly tree where I got him last year. The female sat in the bush near the nest & scolded the "hide" for some time, but the male visited the nest & fed the young.</p> <p>After this they both made many trips with food. The Sloe Bush is a favourite perch with both & the female also used a tall Dock plant three or four times. The male likes the Holly Bush perch & used it frequently.</p> <p>He made two most Hawk Like rushes, once at a Blackbird, & again at a couple of Linnets. The female while sitting hunched up on the dock plant, looked extremely like a miniature Kestrel & once she made a most hawk like glide.</p> <p>In the evening Morrey called for me at 6 P.M. & we took our cameras with us to try for the Shrikes. Set mine up by the Sloe Bush perch using the 17" Ron Telecentric, & Morrey went into the hide with his camera. The birds seemed loath to return to the nest, not liking the way it had been open out. The female returned to the bush once or twice & also visited the Sloe Bush perch where I snapped her, but was unable to change the plate on fearing to further disturb the bird. Eventually both perched on a Dog Rose stem some six feet behind the "hide" & remained there until it was time for Morrey to leave. He whistled & I released him. We left the camera inside & replaced one spray of foliage over the nest. Morey then left promising to return for me at 8:30. I changed the slide in my camera & reset the shutter.</p> <p>Within 10 minutes the male returned to the nest & fed the young. I could see the whole nest plainly with glasses from where I was hidden. The female then returned & soon both birds were busily engaged in feeding & nest cleaning. The droppings were carried some distance from the nest & then allowed to fall to the ground.</p> <p>The male twice mounted high into the air & captured some insect on the wing, mounting steeply with laboured & flickering flight & dropping like a stone with closed</p>

	<p>wings when the capture had been affected. The female visited the Sloe Bush many times & I got 4 more snaps of her. I was packing up my camera when Morrey returned. All the birds efforts were devoted to feeding & nest cleaning, no brooding taking place. The male hunts along the hedge in which the nest is built while his mate devotes her attention to the Sloe Bush hedge.</p>
<p>June 18th 1921</p>	<p>Met Morrey at 6 A.M. & we visited the Shrikes moving the tent a little nearer to the nest & securing it to pegs driven into the ground. The young are still blind but already have a plentiful crop of small feathers.</p> <p>Visited the Wild Park later on. The young Mags are still among the trees in the wood. Found a Wren's nest with 5 eggs but nothing else of interest.</p> <p>In the afternoon we meet again at 2:15 & made for the Shrikes again. I went into the tend & Morrey set up his camera at the Sloe Bush. I was soon shut up inside watching the nest. The young have their eyes open. One seemed uneasy, shaking its head & gaping & at last ejected a huge pellet which fell & remained on the rim of the nest. A second youngster went through the same performance. The male was the first back coming straight to the front of the nest & feeding the young after which he picked up * appeared to swallow one of the pellets which lay on the edge of the nest. He flew off and the female returned coming to the back if the nest, her arrival in the bush being heralded by the shooting up of the youngster's heads. She fed the young & then jumped upon the rose stem growing directly over the nest & leaning down picked up the second pellet & flew off with it.</p> <p>Visits now became frequent both birds coming to the back of the nest & using the rose stem over the nest to watch for the ejection & to remove the droppings of the young. The Male generally flew down on the twigs in front of the nest before leaving if he had no droppings to remove.</p> <p>The food they brought was mostly red & bloody meat, the remains of a small bird with feathers attached. This was given to the young, feather & all.</p> <p>Other food was brought occasionally mostly by the female. Bumble Bees, caterpillars, beetles etc. but it was difficult to make these out. Once the male brought the hind quarters of a mouse (?short tailed meadow) which appeared to be withered up & very dry, a huge & awkward mouthful.</p> <p>He tried no less than 16 times to get one or other of the young to swallow this, but as he gave to them across their bills, & it was so hard & dry that it would not bend, the chicks could not get it down. At the 17th try he managed to get it end down & after a valiant struggle the lucky chick succeeded in bolting it much to his satisfaction as he was getting annoyed at their repeated failures. I got a dozen snaps & then Morrey relieved me & I changed over with him. Secured 5 more of the female on the Sloe Bush & watched the birds carefully to try to locate this larder. This was soon done as the</p>

	<p>male constantly visited a Hawthorn growing about 3 yards behind his Holly Bush perch & always reappeared from it carrying a mouthful of something.</p> <p>When Morrey whistled let him out & we visited the Hawthorn & found impaled on large spikes the fresh remains of a Short-Tailed Meadow Mouse, (Chest & hind quarters), a common shrew & the dried remains of another S.T.M.M. also fresh traces of two birds (from feather lying around one of them was a young Robin)</p> <p>Also examined a bush between the nest & the Holly Bush & found fresh feathers of a Whitethroat & several large thorns bore traces of prey of the bird kind. The Shrikes resented our visits to this more than their nest, the male being extremely annoyed and coming quite close to us. He never worries about the nest although the female always comes into the bush & swears at us when we visit it.</p>
<p>June 21st 1921</p>	<p>Morrey called for me at 6 P.M. & we went to the hide at the Shrike's nest. I was soon inside & Morrey shut me up & left. The young are feathering very quickly & looks like being out of the nest in a day or two. The following is a copy of a timetable I kept.</p> <p>6:50 Female with large Noctua Moth. Fed to young, wings & all. 7:00 One of the young disgorges a pellet. 7:13 male bringing an insect (? Bee) 7:17 female brings a Bumble-bee (Yellow & Black) & removes a dropping. 7:21 male brings an insect. (? Bee) 7:33 male brings a Bumble -bee (Yellow & Black) & removes a dropping. 8:00 Morrey comes over. He reports female hanging about Sloe Bush & male hunting in the Park. Both chase & catch bees. The larder is empty, hence slowness of meals. 8:05 Morrey shouts that the male has just arrived from the Park with a Shrew in its bill which it has impaled in the upper larder. 8:13 male arrive carrying a furry beak full, evidently part of the shrew. 8:14 female brings an insect of some kind. 8:16 male with a bloody beak full. Looks like intestines. His chicks are smeared with blood. 8:20 male with more bloody flesh. 8:22 male with more bloody flesh & also fur. 8:23 female brings a black Bumble Bee. 8:25 female brings a caterpillar. 8:27 male brings a bloody flesh like intestines. Whistle for Morrey & he releases me.</p> <p>Reports male at larder all the time so it is the Shrew he has been bringing. We examine the larder & find the Shrew impaled. Head missing & big hole down chest into intestines.</p>

	<p>The female has not been near the larder. Evidently, the male does all the butchering work in this particular family, as on Saturday the female never fetched any food from either of the larders.</p> <p>The young were very lively during my stay, preening, stretching & flapping their wings. They literally mobbed the older birds when they returned with food. (Took 12 photos. F.8, 1/25 sec. Ilford Monach)</p>
June 22nd 1921	<p>Met Morrey at Fair Oak at 6. A.M. Gulls in recreation grounds as I passed. 1 Lesser B.B. & some 20 B. Headed. We went to the Shrikes nest & took some photos of the young.</p> <p>I used my stereo camera F. 16. 3 & 5 seconds. Wellington Anti Screen.</p> <p>The larder contained nil. Took a stereo view of the hedge F. 32 2 secs using back combinations of my lenes.</p> <p>In the evening Morrey called for me at 5:50 & we visited the Shrikes. The young looked very pretty & there was the hind quarters of a S.T.M. Mouse on the edge of the nest, tail & hind legs included. M. got into the hide with his camera & I withdrew to watch the birds hunting & keep a record of their actions.</p> <p>6:30 male appears from the west with a green caterpillar in his beak. Perches on south posts & proceeds to kill his prey which he eventually swallows himself.</p> <p>6:35 The female has been hanging about on the Sloe Bush. Dives down into the grass & captures a green caterpillar which she takes to the nest & gives it to the young. female is on the Oak behind Sloe Bush.</p> <p>6:40 male leaves Oak for east post, which he quits at</p> <p>6:42 & flies off in the distance of lake. female not in sight.</p> <p>6:45 male is on the Sloe. Nil. Flies to top of larder 1 bush.</p> <p>6:47 female behind tent. Nil. 6:49 male on south posts with bee, 6:50 he visits the nest feeds young & removes dropping.</p> <p>6:51 / 6:55 male on Sloe. He flies off & returns with a bee with which he feeds young. 6:57.</p> <p>7:05 The female has been hanging around nest bush. She almost perches on hide once. The male returns to nest without a catch. Both adults are hanging around the nest. The young are going thro no end of flapping & preening.</p> <p>7:21 male on top of Sycamore. He flutters from those to a great height, captures something & nose dives on to south posts. It is a bee he has caught & carry's (sic) it to the nest. female is on Sloe. Nil.</p> <p>7:24 female leaves Sloe & flies directly towards me in chase of a bee which she misses a yard in front of me. She returns to Sloe.</p> <p>7:30 male on south post with food. Goes to nest, feeds young, removes dropping.</p> <p>7:37 male is at nest. Trying to get young to take something big which the latter seem unable to get down. Tries three or four different chicks.</p> <p>7:38 female captures an insect & feeds young.</p>

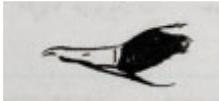
	<p>Here I walked across to the hide & find out from Morrey that the food the male brought at 7:37 was a very large bee which the young had a job to get down, He tells me one of the young left the nest at 6:30 & is now hidden in the hedge behind. Go back to my O.P.</p> <p>7:42 The male captures an insect & feeds young.</p> <p>7:52 The female flies up & away across south field & captures a bee. Returns & feeds young & removes dropping.</p> <p>7:53 female feeds young again.</p> <p>7:58 female on Sloe. Flies down & captures some insect & feeds young. male on top of nest bush.</p> <p>8:03 male sitting on south post. Is mobbed and driven off by a Wagtail. The latter looks peculiar to me. Has top of head, neck & back uniform light grey. Black chin & throat. A lot of white in the back view of closed wings of closed wings.</p> <p>8:05 female at nest feeding young.</p> <p>8:06 male on east post with red flesh. Flies to the nest & feeds young.</p> <p>8:07 The pair are on Sloe Bush.</p> <p>8:09 female dives down & captures insect. Feeds young & rejoins male on Sloe.</p> <p>8:12 female takes food to the nest.</p> <p>8:18</p> <p>8:19 male appears flying from east field & perches on east post. Has red flesh in his beak. Evidently has a larder over there as well. Flies to nest & feeds young.</p> <p>8:27 male feeds young insect.</p> <p>8:31 & 8:32 female picks up insects from the ground near the nest & feeds young.</p> <p>Morrey whistles & I go across. He tells me the wandering youngster returned to the nest with the male at 8:19. The flesh brought by male appears to be that of a bird as he saw feathers on it. We pack up & leave.</p>
June 24th 1921	Met Morrey at 6. A. M. & visited the Shrikes. All six in the nest, but they jumped out when they saw us. Removed the hide & had a look at the larders.
July 10 th 1921	<p>Morrey called for me in his car at 6 AM and we ran down to St-y-Nyll.</p> <p>There were a number of young Coot on the pond also adults, and adult Moorhens. No sign of young Moorhens or any of the Little Grebes. The pair of Swans have 2 cygnets and we also saw a young Mallard.</p>
July 31 st 1921	Willow Warbler in Garden 266 N'pt Rd.
August 4 th 1921	Spotted Flycatchers at Roath Court
August 11 th and 12 th 1921	Large numbers (100-200) Swifts. Newport Rd.
August 14 th 1921	Spotted Flycatcher at corner Clifton St and Newport Rd.
August 19 th 1921	About 20 Swifts. Newport Rd/

	Male Nightjar flying over the lake 8.30 PM. Nightjar seen in Kimberly Rd. 9-15 PM.
August 20 th 1921	Met Morrey at Fair Oak at 6.30 AM. Numbers of Gulls in Recreation Grounds mostly B. Headed. Nothing to be seen in the Wild Gardens except the Magpie family. One Little Grebe on the Lake.
August 22 nd 1921	Morrey reports 3 Swifts. Richmond Road
August 25 th 1921	Peregrine Falcon seen flying to the south over West Bute St. 10 AM.
September 1 st 1921	Morrey reports one Corncrake at Sully
September 7 th 1921	Chiff Chaff heard at Roath Court
September 8 th 1921	Four Little Grebes on the Lake (R. Park)
September 9 th 1921	Met Mr Pettigrew in the Park this evening. He tells me that a Cormorant has been seen on the Lake during the last 3-4 days. It pays regular visits and catches eels.
September 12 th and 13 th 1921	Chiff Chaff singing at Roath Court.
September 15 th 1921	Four Little Grebes on the Lake, also a male Pochard. Pied Sparrow, very white on breast and wings, feeding on Dam. R. Park.
	First visit to Llanishen Reservoirs. Entered Jan 1 st 1922
September 18 th 1921	Met Morrey at Fair Oak at 6.45 AM and went to the Reservoirs. On the Lisvane Reservoir there was one Great Crested Grebe, an immature bird in grey and white, who was followed around by a Little Grebe. There was also one male Tufted Duck and one Coot. Small flock of Pied Wagtails, some immature with buffish cheeks. Also saw a couple of Grey Wagtails, and a few Gulls. On the Llanishen Reservoir were four Mute Swans and some Gulls, a few Common and B. Headed, and one or two Herring. On the fish ponds below was another Little Grebe. Saw also one Magpie and a Kingfisher.
September 25 th 1921	Met Morrey at Fair Oak at 6.45 AM and again visited the Reservoirs. Passing the Wild Park, heard a Chiff Chaff and saw a Kestrel fly over. On the Llanishen Reservoirs were 9 Mute Swans, and a Kingfisher. The Lisvane Reservoir is being emptied, and shows mud around its shores. On the this in NW corner were a large flock of Gulls, mostly B. Headed with a few immature Herring or Lesser B.B., 3 Carrion Crows, 2 Lapwings, 14 Magpies, and 6 Mallard. No sign of the G. Crested Grebe. A Little Grebe and one Coot were on the water. Several Pied and Grey Wagtails and Meadow Pipits. Walked around. Nearing NW corner the Gulls got up and with them a wader we could not spot as it flew right away from us. As we were trying to pick it up two other waders flew past us uttering a melodious whistle. They alighted and we could see them on the margin of the waters, bobbing like Sandpipers. We crawled around and got near enough to confirm our impressions conveyed by flight and note of Green Sandpipers. There were

	<p>very wild and did not give us much chance flying off again uttering their alarm whistle. Heard another Chiff Chaff and saw a Spotted Flycatcher. Also heard a Hawk and a Jay. Saw one of the Magpies mobbing a B. Headed Gull, chasing it and causing it to squawk with alarm.</p> <p>Got up on to the side of the Llanishen Res. and as we did so a wader flew from it and down on to the Lisvane water alighting in NW corner where we could see it feeding on the mud. A hint of black bib suggested a Dunlin and Morrey confirmed this by getting within 20 yards of it. As is usual with this species it was very tame. Saw a Pied Wagtail mobbing the Kingfisher chasing it right across the Reservoir.</p> <p>A small flock of Gulls, nearly all immature were now on the Llanishen water. At least two of these were by their size, young Great B. Backed.</p>
October 2 nd 1921	<p>Met Morrey at Fair Oak at 6.45 Am and visited the Reservoirs. Nothing on the large one and we found the Lisvane was practically empty. On the mud were a big flock of Gulls, mostly Black Headed, with a fair sprinkling of Common, and 7 or 8 immature Herring or Lesser B.B.</p> <p>Among there were 15 Magpies, 4 Carrion Crows, and 10 to 12 Lapwings.</p> <p>A pair of Kingfishers were also seen and there were 7 Mallard and one Coot on the Water. Heard a Green Sandpipers note and soon spotted it feeding on the margin of the water. It got up suddenly and was joined by a second. Both rose to a good height with twisting fight and headed off across the Llanishen Reserv. Later on we (we) spotted a third of this species, across the other side and watched it feeding for some time. Pied Wagtails were numerous, and also Meadow Pipits. From the drain we put up a small bird and soon identified it as a Common Sandpiper. Watched it feeding for some time and then went across to the Llanishen Reserv. As it reached its edge, three ducks got up from the middle of the water. They were all male Pochards. Later on three Mallard arrived. A small party of gulls were washing and among them was one with a very dark head and white breast with a black beak. Could not make it out. When it got up it flew down to the mud of Lisvane water. Looked like a Lesser BB but the head was very dark. Walked down and it flew close to us and made off. The head was ash grey, evidently a very strongly marked winter plumage of the Lesser BB. Beak yellow, legs black (mud probably) Edges of wings white, back of wings and mantle, grey black. Saw a Jay as we were leaving.</p>
	Greenwich Time follows
October 9 th 1921	<p>Met Morrey at Fair Oak at 6.45 AM and went on to the Reservoirs. Nothing but gulls, nearly all appearing to be Black Headed, on the Llanishen water. The Lisvane reservoir is even more empty than last week. There were a very large number of gulls on the mud and at the edge of the small pool at the SE end. The majority were Black Headed and we spotted more than half a dozen of them that were liberally smeared with either thick oil or tar on their underparts and neck.</p>

	<p>Identified a number of immature Herring Gulls and also several Common Gulls.</p> <p>The Coot was out of the water accompanied by a black looking duck. We changed our lookout and got nearer to them and easily identified the duck as a female Goldeneye. The umber brown and big looking head was unmistakable as also the white wing bar and white neck. Three ducks feeding on the mud where a trickle of water ran in caught my eye by reason of the sun shining on their vivid green specular, and proved to be a female Teal. There were also 7 Mallard feeding in a small pool just above them with two waders that looked very much like Common Snipe.</p> <p>A small gull like bird constantly flying over the water and frequently pausing with rapidly fluttering wings and dipping down to the surface was evidently a Tern of some kind and we watched it carefully. Some dark markings on the top of head. White forehead, dark nape, dark patch on back below nape, angle on shoulder of wing dark on upper surface. At last it alighted on a stone fairly near us and we were able to complete identification. Bill black, legs reddish, (evidently an immature Common Tern)</p> <p><i>In margin:</i> Careful investigation and comparison of a sketch of this bird by Morrey, and examination of the specimens in the Cardiff Museum prove it to be an example of the Black Tern</p> <p>The Common Sandpiper was seen three times and identification established positively. The Coot and Goldeneye stuck together and were frequently diving. Once the Coot brought up what looked like a fish some 3 or 4 inches long and was immediately mobbed by a swarm of gulls that circled around diving at him.</p> <p>He dodged and twisted on the water and finally dived, but seemed to have lost his fish before he did so. Very few Wagtails seen, only Pied. Magpies not so numerous only 3 or 4 seen at one time. Several Carrion Crows and the Kingfisher appeared. No lesser B.B.Gulls to be seen.</p>
<p>October 16th 1921</p>	<p>Met Morrey at Fair Oak 6.45 AM. A very large flock of gulls in Recreation Grounds as I passed. Dull and foggy morning. Went to Reservoirs. The Lisvane water is nearly dry. Five Mallard and a number of Gulls (only Black Headed identified) were on the mud at the edge of the small pool that is left. These flew off when we approached. We sat on the stone side and waited and were soon visited by a Green Sandpiper and later on another turned up and some six B.Headed Gulls. The Pipers fed at the edge of the mud and sometimes waded deep into the water, fishing up what looked to be small snails at which they nibbled with the tips of their bills and often dropped and retrieved. Later they bathed one bird swimming out a yard or so and fluttered and splashed in deep water returning to repeat the performance close in shore. Saw and heard the Kingfisher, a few Meadow Pipits, and a few Pied Wagtails, also some 6-8 Magpies and 4 Carrion Crows. Returned to the Llanishen Water to find on it two Coots and five Pochards (3 male) also one Mallard Drake and a few immature Herring Gulls.</p> <p>Noticed a Gull flapping its wings on the far side on the stones and a Carrion Crow watching below and a couple of Magpies at the side of it. Got on our bikes and cycled</p>

	<p>around to find a Black Headed Gull with one of its feet caught between two stones. The leg was broken and the foot so tightly wedged I cut it off with my knife. Morrey trimmed up the stump and placed the bird in the water from which it immediately took flight and made off flying strongly.</p> <p>Passing the lake on our way home noted four Pochard thereon. A Song Thrush was singing, the first I have heard this winter.</p> <p>Morrey went down to Kenfig Pool in the afternoon. He reports today (17/10/21) very large numbers of Coot, Pochard, and Mallard, a fair number of Teal, and a few Shoveler, Wigeon, and Tufted Duck. He came across a Little Owl which flew out of a rabbit-burrow NW end of pool, also large numbers of Lapwing and Golden Plover.</p>
October 21 st 1921	<p>Morrey and I went on to the roof of the office this morning to test the N&Z telescope. Two mature Lesser B.B. Gulls were identified one of which seemed to have grey streaks on its f' head.</p>
October 23 rd 1921	<p>Met Morrey at Fair Oak at 6.45 AM and went to the Reservoirs. Very many gulls in Recreation Grounds, mostly B. Headed with a few Common. On the lake we noted two Pochard and two Little Grebes.</p> <p>When we reached the Reservoir we noted a number of duck on the Llanishen water. Thro the telescope they appeared to all be Pochard, but we got nearer and secured a good view of them later and eventually identified them all. The flock was made up of 18 male Pochard, and 6 female, 3 female Tufted Duck and 1 male Teal. They took flight and circled the reservoir the Tufted leading and eventually going right away. The Pochard and Teal alighted right in front of us and gave us a capital view thro the Telescope. The eyes of the male were red but the female were light, almost white. 4 Mute Swans were also seen here.</p> <p>Among the Gulls we identified two mature Lesser B Backed, with grey streaks on head behind the eye, a number of Herring Gulls, and very many Black Headed.</p> <p>No birds on the Lisvane water at all except 1 Kingfisher, Meadow Pipits a few, Pied Wagtails few, one Grey Wagtail and six Mallard. 9 Magpies, and 2 Carrion Crows seen, also Wood Pigeons and 3 Pheasants feeding in the fields. There was 1 coot on the Llanishen Water.</p> <p>On our way home we walked down thro the Lake Park. The Pochards appear to be 1 male and 1 female. There was also 1 female Tufted Duck, 1 Coot, and 3 Little Grebes. Song Thrush singing in Wild Park.</p>
October 29 th 1921	<p>Left the office at 1 PM with Morrey in his car and made for Kenfig Pool.</p> <p>Arrived there at 2.30 and dived in among the sandhills approaching the pool from the west. There were a large number of birds on the water, but the strong wind blowing caused waves that made observation rather difficult.</p>

	<p>A Swan stood out conspicuously as did a Cormorant flapping its wings as it stood on the edge of the water. Herring and B. Headed Gulls were there also. On the water Coot predominated followed by numbers of Pochard. 5 Shovelers were asleep immediately below us, two male and 3 female. Over 40 Teal were counted and a dozen Wigeon. Our attention was attracted to a Grebe swimming among the Coot. The telescope revealed a dark grey and white bird the very spit of a Dabchick but rather larger. As a Little Grebe was swimming close to it we were able to place it in size a midway between this bird, and the Coot. Points picked up were, slender bill appearing to have a slight tilt upwards, dark eye, head to below eye very dark grey as also back of neck and mantle, cheeks white, chine neck -except a dusky collar about half way down- white as was breast and underparts, secondaries apparently light but appeared covered by flank feathers. It was undoubtedly an adult Black Necked Grebe in full winter plumage, and new record for the County. The Swan next claimed our attention and the first glance showed it to be a wild bird with lemon yellow on the bill. Unfortunately a man appeared at that moment and it was up and away before we could spot further detail. It flew off in the direction of Pyle Brook, but returned about 15 minutes later and fortunately alighted right in front of us.</p> <p>We could clearly see thro the telescope the extent and shape of the lemon yellow patches on beak, as follows</p>  <p>Which denotes Beswick Swan every time.</p> <p>After this we identified 7 Tufted Duck and two immature make Goldeneyes.</p> <p>Lapwings and Golden Plover were feeding on the edge of the water. There was also a large number of Mallard.</p>
October 30 th 1921	<p>Met Morrey at Fair Oak at 6.45 AM and went to the Reservoirs. No Gull in the Recreation Grounds. On the Llanishen water were 9 Coot, 1 Great Crested Grebe, an adult in winter plumage, a flock of 60 Pochard of which 38 were adult males, and the rest immature and female birds. Large numbers of B Headed Gulls, a few Common, and Herring, and a lot of immature birds.</p> <p>The Kingfisher was seen, also Meadow Pipits, Pied Wagtails, Carrion Crows. 3, Magpies 5 or 6. Two large flocks of Wood Pigeons. 1 Heron, and 4 Mallard (3 male) on Lisvane water which is now completely drained.</p> <p>Walked back thro the Lake Park. 4 Tufted Duck 2 male and 2 female were diving off the E. Shelter. 2 Little Grebes and a Kestrel were seen.</p>
November 5 th 1921	<p>Around the lake with Louis and Noel this morning. 3 Tufted Duck and 2 Little Grebes seen.</p>

November 6 th 1921	<p>Met Morrey at 7.30 AM and went to the Reservoirs. Large numbers of Gulls in Rec. Grounds. On the Llanishen Reservoir we identified 9 Pochards. 5 male one of which was a disabled bird and could not fly. 16 Coot. 1 adult female Golden Eye, many B. Headed Gulls, a few Common Gulls, 1 adult Lesser B. Backed, a few Herring and several immature birds.</p> <p>Coming home came down thro lake and saw 1 female Pochard, 3 Tufted Duck. 2 male. 1 Coot and 4 Little Grebes.</p>
November 13 th 1921	<p>Met Morrey at 7.15 AM and went on to the reservoirs. Very cold with heavy white frost and thick mist shrouding everything. Passing the lake M. caught sight of a duck on the grass which shuffled off into the water when we stopped to investigate. My hands were so numb I could not get my glasses out of their case, but M had his. All he could make out in the mist was a conspicuous white patch on the wing, and a light patch on rump each side of tail. Tail seemed to be long and pointed (This was really the birds long and narrow wing tips). It took flight and disappeared into the mist making for the east side seemingly.</p> <p>When we arrived at the reservoirs it was impossible to make out anything more than half a dozen yards from the bank owing to the mist. There was a big flock of birds inshore near the keepers house. We could just make out the forms of Pochard and Coot.</p> <p>Walked on to Lisvane water. This reservoir is being refilled at last. The water was covered with a thick sheet of ice and the mud was frozen. No birds seen at all here. Back on Llanishen water a slight breeze was rolling up the mist and in 15 minutes it was possible to get a sight of the far side.</p> <p>There appeared to be some 50-60 Coot scattered about and roughly 200 Pochard mostly adult males.</p> <p>Tufted Duck were not so numerous about two dozen birds altogether.</p> <p>Numbers of Gulls were seen but it was impossible to identify them except a few Black Headed.</p> <p>One Moorhen, one Grey Wagtail, two or three Pied Wagtails, one Meadow Pipit and one Kestrel were seen.</p> <p>Coming home we cycled down the east side of lake, disturbing a female Teal that was feeding under the bank close to NE Island. This is the first of this species that we have personally observed on the lake.</p> <p>Half way down we came across the bird we had seen on the way out. It was feeding on the grass, and by careful stalking thro the bushes we got to within 10 yards of it. Thro the telescope its plumage appeared as follows. Speculum. Black and White, Bill dark and sharply hooked at nail, Eye dark Brown, Feet Dark. Feathers of head and neck dark warm olive brown, edged lighter, whitish patch on rump each side of tail, most</p>

	<p>conspicuous on right side, Underparts light. The light was too bad to see and colours properly. As it fed it plucked the grass like a goose. It took to the water and swam past at a distance of 12 yards.</p> <p>Wings long and pointed and carried high above the tail, and the bird sat high in the water with speculum partially hidden by puffed out feathers. Smaller than Mallard. This bird was evidently a female Wigeon.</p> <p>Other birds seen on lake and in this part of park were, three Coot, a flock of about 20 Tufted Duck, one B. Headed Gull flying low over the lake, one Great Spotted W'pecker and one Jay.</p>
<p>November 20th 1921</p>	<p>Met Morrey at Fair Oak at 7.30 AM. As we passed the lake we counted 35 Pochard and near the top 45 Tufted Duck. There were also 7 Coot. Went on to the Reservoirs.</p> <p>When we reached the level of the water we spotted a large bird swimming fairly close in by itself. Its size suggested a Cormorant and it dived almost immediately and remained under for a considerable time. We got a telescope to work and saw that it was a diver of some sort. It dived repeatedly for times varying from 50 to 60 secs. The details of plumage we picked up were, dark eye, white breast, throat and chin lighter than head and back of neck, but not white like breast, head and neck dark grey brown, back grey brown and mottled with darker spots in the form of obscure bars.</p> <p>Light patch under tail seen when the bird dived, also some obscure white markings on wing only seen when it lifted itself to take a header. It swam fairly high in the water. Once it stretched its neck out laying it nearly flat on the water as a small flock of Pochard swept over it, flying near the surface. It was fairly tame and seemed loth to take flight preferring to draw clear by swimming and diving. The bill was long and straight and very light in colour looking dirty yellowish white. Undoubtedly an immature Gt. Northern Diver by sit size and build. Other birds on the Llanishen water were Pochard. 40. Tufted Duck 1 female. Wigeon 1 male. Coot 50, and Gulls. Only B. Headed were identified.</p> <p>The Lisvane water is partly full, among the mud and stones we spotted a grey bird with the actions of a Robin. Glasses revealed it as a female Black Redstart another new species for me.</p> <p>One Grey Wagtail and a couple of Pied were the only other birds seen.</p> <p>Visited the lake on the way home. The Pochard, Tufted Duck, and Coot were still there and we also saw a Little Grebe. A Kestrel flew over from the Heath.</p>
<p>November 27th 1921</p>	<p>Met Morrey at Fair Oak at 7.15 AM and were on the Reservoirs. Big flocks of Pochard and Tufted Duck on the lake, but we left them to be examined more thoroughly on our return.</p>

	<p>The only birds on the Llanishen water were a flock of some 60-70 Coot, and two diving ducks.</p> <p>The light was so poor we could not properly identify these. They were very shy and took wing before we had time to see more than that they <u>looked</u> like Tufted Duck, only, one had a very conspicuous patch of white on each wing and the other had none at all that showed. Both displayed a white wing bar in flight however. A little later a bunch of six Mallard arrived, and that was all. Saw. 2 Magpies, 1 Meadow Pipit, and .1. Yellow Bunting</p> <p>Came back down the lake park. Well over 300 birds on the water, mostly Pochard, but the Tufted Duck were not very much in the <u>minority</u>. Two female Wigeon and five Teal. 1 male. 4 female, and several Coot were also identified, and a Grey Wagtail. One Pochard was also fast asleep standing on some mud a yard from the bank with his head hidden in his back feathers. He had the surprise of his life when he awoke and found us only 6 yards from him, and swam away at a great pace.</p>
<p>December 10th 1921</p>	<p>After having been laid up in bed for a fortnight, I took Noel and went for a walk around the lake. When we first got there 2.10 PM there were 10-12 Pochard and a big lot of over 60 Tufted Duck on the water, but a model yacht race being started the birds were scared off and left in little bunches of 9 to 20. Among the islands were a group of 12 Tufted Duck and some 5 or 6 Coot, also Moorhens and 1 Little Grebe.</p>
<p>December 11th 1921</p>	<p>Met Morrey at Fair Oak at 9.30 AM and we went into the lake park and cycled around to the top end. About the same number of birds on the lake as there were yesterday afternoon, 10-12 Pochard, 50-60 Tufted Duck and some half a dozen Coot. Went to the reservoirs. The only birds we could see were gulls and Coot about 40-50, but during the time we were there other arrived viz. 1 immature male Tufted Duck, 1 female Teal, 4 Mallard (1 male and 3 female), and the male Pochard who is evidently injured.</p> <p>The Great Northern Diver also turned up from somewhere and we watched it for some time diving, preening, and wing flapping.</p> <p>Also saw 1 female Stonechat, male and female Reed Bunting, 1 Grey Wagtail, 3 or 4 Pied Wagtails, several Meadow Pipits, 1 Kingfisher, and 5 or 6 Carrion Crows.</p> <p>Among the large number of Gulls on the water we identified Black Headed, three of which had complete black heads, Herring and Common.</p> <p>We also saw between the Wild Park and reservoirs 1 Sparrow Hawk and 2 Kestrels.</p>
<p>December 18th 1921</p>	<p>Met Morrey at Fair Oak at 9 AM and went on to Lake Park. Going in at Dam entrance we scanned the water and soon spotted a stranger who turned out to be a Smew. There was also one solitary Black Headed Gull near it, a flock of 30 Pochard and altogether there must have been 50 to 60 Tufted Ducks scattered over the water. Only some 6 Coot seen, and one Little Grebe.</p>

	<p>Went on to Reservoirs. The Gt. Northern Diver is still there and we also identified 12 Pochard, 2 female Mallard, 50-60 Coot, and among the gulls, B. Headed, Common, and Herring. Other birds seen were Meadow Pipits, Pied Wagtail, two Carrion Crows, Magpie, Moorhen, and 6 Linnets.</p>
<p>December 27th 1921</p>	<p>Morrey called for me at 6 AM in his car and we set out for Kenfig Pool. Fine and clear when we left and cold, but we had a heavy shower on the way down. Arrived at 8 o'clock, and went down to the pool. Morrey had been there on the previous day, and put up his tent on the bottom end of the pool, and left it there. It was all safe and I soon had mine up opposite the boat-house, and was inside with my camera. As soon as it was light enough to see properly I got my glasses to work and identified Tufted Ducks, Coots, and Mallard. Could hear the notes of Wigeon but did not spot any until later. A small flock of some 8 or 10 Shovelers came down in the middle of the pool. Heard a couple of Ravens and later saw one pass behind me. Morrey told me afterwards, they were feeding on something well behind his tent. Two Cormorants were next seen and one caught a large fish well out in the pool in front of my tent. It swallowed it after a struggle. A lot of Duck came ashore on my left, but well out of range. I identified with my glasses Mallards, Shovelers, Teal, and Tufted, and saw a couple of male Wigeons. Took some shots of Tufted Duck feeding off my tent at long range. A Heron got up from the opposite side of the pool and flew off. Gave it up at 12.30 and went across to Morrey putting up two small waders as I did so. They looked like Sanderling. No sign of the Goldeneyes Morrey had seen on the previous day. We packed up and made off seeing a flock of some two dozen Fieldfares at Maudlam. Among the large number of gulls on the Pool I only identified Common, and Black Headed.</p> <p>Morrey also saw an adult male Scaup yesterday, but if had gone, as there was no sign of it today.</p>
<p>January 1st. 1922</p>	<p>Met Morrey at Fair Oak at 9 A.M. Heavy gale from N.W. blowing & very showery. A number of gulls in Recreation Grounds & I identified 1 Common & a lot of Black Headed. Went on to the lake entering a S.E. entrance to dam. Tufted Duck were scattered about in two & threes all over the lake & a female Smew was feeding off the boat stage. Higher up on West side a flock of some 40 Pochard mostly adult males, were resting on the water. Near the north end we came across two Goldeneyes. They were <u>very wild</u> & got up with a rush directly we stopped, flying down to where the Pochard lay & alighting there. The large white patches on their wings were very conspicuous in flight. They were either females or immature birds. Just below the islands we spotted a second female Smew. As we watched, it caught a large fish which gave it some trouble before it was safely swallowed. Two Coots, a Little Grebe, a Moorhen & several more Tufted Duck were feeding among the islands.</p> <p>Went on to the reservoirs, but with the exception of some 50 Coot, the Gt. Northern Diver & a large number of gulls nothing was seen there.</p> <p>We halted on the way back at the lake & had a good look at the Goldeneye again. They were near the islands when we first spotted them inshore on East side, but drew off when we passed down the road, submerging by sinking themselves, not diving, & coming up well out in the middle of the lake. When we halted they sprang up at once & flew to near the bottom opposite the big Ash tree. We followed & got a good sight of</p>

	<p>them thro the telescope. One had considerably more white on its wings than the other. They were very shy & one got up and flew off leaving the other near the Pochards.</p> <p>The scattered parties of Tufted Duck must have numbered altogether well over 50 birds.</p>
Jan. 8 th 1922	<p>Met Morrey at Fair Oak at 9 A.M. A few gulls in the Recreation Grounds. We entered the lake at dam entrance S.E. Tufted Duck scattered about in 3's or 4's. Altogether they must have numbered about 40 with the ones we saw among the islands later. Off the West shore a flock of 56 Pochard were sleeping & three others were also seen. One Smew was close to them & was the only one seen. It is an adult female. This bird was seen to catch a couple of fish which it brought up & disposed of on the surface. Other birds on the water were 2 Coot, 1 Little Grebe, & 1 Moorhen. A Kingfisher was also seen.</p> <p>Went on to the reservoir where only birds seen were the Gt. Northern Diver, Gulls (1 Lesser B.B. Herring, Common, & B. Headed identified) & a large number of Coot. On our way back we saw a Kingfisher on the brook between Llandennis Gardens & the Wild Park. We walked thro the latter on the look out for the remains of Lesser Redpolls nests but saw none.</p> <p>Our attention was attracted to a small bird hopping about amongst the drift wood around the Kingfishers perch opposite burrow. Glasses showed it to be a Siskin the first I have seen. The right wing was damaged the primaries hanging useless. The bird was a female, a very bright specimen with a well defined yellow rump & cheeks. It was picking up food from the water & amongst the drift that had collected. It could fly feebly a few feet at a time. It came up the bank & searched across the paths & towards the shelter, allowing us to approach it to within 4 feet without disturbing it. Several times it tried the alder cones that had fallen & were lying around apparently extracting seeds from some of them. Two Gold Crests were seen here.</p>
Jan. 15 th 1922	<p>Met Morrey at Fair Oak at 9 A.M. Raw, wet & cold. Wind S.S.E. A number of gulls in the Recreation Grounds. Entered Park at S.E. Dam gate. The Pochards were scattered along the east shore off the shelter & nearly up to the islands. Over 60 were counted. Tufted Duck in twos & threes right up to & among the islands, but not more than about 30. The Smew is still there & was among the mallard etc, at S.W. end near the overflow. One Little Grebe & some 5 or 6 Moorhens also seen. No Coot. Went on to the reservoir seeing a male Stonechat perched on the wire fence just outside the North end of Wild Gardens. The first bird seen on the reservoir was the Gt. N. Diver, close inshore near the Keepers house & quite unalarmed by our appearance. It swam slowly away not diving or sinking itself in any way, but evidently not very much concerned at seeing us so near. The Coots are still there & also a few Gulls. Three duck seen turned out to be a very fine male Wigeon accompanied by two females.</p> <p>Saw the Kingfisher & a small flock 15-20 Meadow Pipits as we walked along to the Lisvane water.</p> <p>Four ducks there, & the telescope revealed them as 2 male Pochard, 1 female Pochard & 1 male Tufted Duck.</p>
Jan 22 nd 1922	<p>Met Morray at Fair Oak at 9 A.m. seeing on my way there a few Common & B.H. Gulls in the Recreation Grounds. Entered Lake park at S.E. dam gate to find the lake practically empty. On the water left were a large number of duck, & we identified some 50-60 Pochard, 40-50 Tufted Duck & the female Smew. Also saw in the Lake park a Tree Creeper & a Bullfinch. Went on to the reservoirs. On the Llanishen water were the Gt.</p>

	<p>Northern Diver, 1 male Tufted Duck, 1 male Pochard (the injured bird) & with him a female Tufted Duck. Had a good look at the gulls & identified 3 or 4 immature Gt. B Backed. 5 or 6 Herring, mostly mature, several Common & B. headed. One or two of the latter one rapidly downing their black heads. There were some 70-80 Coots scattered around & we saw 4 Magpies, the Kingfisher, 1 Grey Wagtail, 2. Pied Wagtails, & a few Meadow Pipits. Went on to Lisvane water & found there 1 Coot. 4 Pochards (3 male & 1 female). & a male Tufted Duck. On the fish ponds we spotted a male Tufted Duck accompanied by a female.</p> <p>Noted Mistle Thrush, Song Thrushes, & Chaffinches in song.</p> <p>Timed some of the Divers dives. 45 secs, 45 secs, 40 secs, & 50 secs. This bird seems to be getting very much whiter as far as its chin, front of neck, breast, & underparts go. It also shows considerable white on the flanks & the barred appearance of the back is very noticeable. Other points observed while watching the diver were its habit of frequently sipping water, generally after a dive. Once it stood up & flapped its wings vigorously. When preening it rolled over on its side & turned in small circles as it endeavoured to get at some distant part of its back. When floating high on the water on even keel it frequently raised a foot over its back & wagged it rapidly. Once it did this three times running in the space of one minute. The plumage of the back is now very dark grey & the white spots seem to be getting purer in colour.</p>
<p>January 29th 1922</p>	<p>Morrey called for me in his car at 9 a.m. & we went to the lake. Passing the recreation Grounds noted a large flock of gulls there. Arrived at the lake I set up my camera & tried to get some snaps of the birds on the water. The lake is a little fuller than last week possibly on a/c of the recent rain. There were less ducks on the water only 15 Pochard, & some 20 Tufted Duck & the Smew. The latter was seen walking across a strip of mud very awkwardly with a fall now & then helping to make its white breast very muddy. A pair of Mallard just below me at the edge of the water were noted going thro their courtship. The female began it swimming out a little way from the male & then beginning by raising her head to the fullest extent of her neck & rapidly lowering it again with a jerk. She did this many times before the male took any notice. Then he swam up to her & they faced each other & both went thro the "head raising & lowering" performance. The female then stretched her head & neck out in front of her, flat on the water, & the male still jerking his head up & down, swam up to her & pairing took place.</p> <p>Secured five snaps & then we went on to the Reservoir. On the pool formed on the field by the farm below the Llanishen Water were 7 Tufted Ducks. 3 male & 4 female. & on the fish ponds 1 Coot & 1 Tufted Duck. Left the car by the bridge & climbed the embankment. The Gt Northern Diver was on the water close under us & we had a fine view of it at close range. The back of this bird is now about the shade of a Lesser B.B. Gulls in the summer & the white spots are showing up very plainly. Only a very few gulls were washing & there was some 50 Coot scattered around. A small flock of 11 Tufted Duck arrived as we watched & was followed by one of 8 Pochard. (5 male & 3 female) Nothing on Lisvane water. A large flock of some 40 Lapwings passed over. Also saw 2 Grey, & 1 Pied Wagtail & one or two Meadow Pipits. 3 Mags.</p> <p>Called in at wild Gardens as we passed but only noted Redwings, a pair of Bullfinches, & a couple of Gold Crests.</p> <p>Mistle Thrushes, Song Thrushes, Robins, & Chaffinches heard in song. The duck we saw arrive at the Reservoir were evidently not from the Lake & the Pochard & T. Duck were still there as we passed.</p>

February 5th 1922

Met Morrey at Fair Oak at 9 A.M. A large number of Common & B. H. gulls in the Recreation Grounds, also Rooks & Jackdaws.

Entered the park at S E dam gate. Very little water in the lake & only a few wild duck. There were two Smews. Smews both apparently adult females showing a fair amount of white on the wings.

While I watched one dived & caught a large fish which it carried in its beak by the head, the tail & a large part of the body waving in the air. The second bird immediately made a dash for this prize, & the capturer had to make a rush for the mud where it landed closely followed by its pursuer. Both waddled quietly but outwardly over the mud holding themselves very uprightly but frequently stumbling. The bird with the fish made desperate efforts to bolt it & the pursuing bird made a great attempt to catch its fellow before the fish could disappear. They waddled clumsily around until the pursued with a great & final gulp got the fish safely down & flopped off into the water again. The only other birds were two male Pochard, one male & two female Tufted Duck, two Coot, & one little Grebe. On the mud just below us we spotted a Meadow Pipit feeding, the first we have personally observed in the Park.

Went on to the Reservoirs. On the fishpond below were a pair of Tufted Duck. On the Llanishen water birds were scattered about in numbers. Identified two male Tufted Duck & one female. Fifteen Pochard, mostly males, & some 50-60 Coot. Walked down toward the Pump, and as we got near, put up a Wader, white below but no white rump & brownish above. It flew right off before we could properly identify it.

In the N.E. corner of the Llanishen Water we spotted a bird swimming close to the pitching. Glasses revealed it as a Grebe. We lay on the pitching & examined it closely. Beak long & straight yellowish at the base, & looking to be yellow below & black above its length with a black tip. Head with a dark cap to the eye, this cap being darker than the back, on back of neck flocking black. Back & sides of neck dark, but the sides of neck & cheek lighter than back of neck, & a considerably lighter streak ran from below the chin up to the nape. Back dark but not so black as head cap. Centre of breast. Flank, & underparts white. The head looked very flat, having the appearance of carrying slight ear tufts on each side. This was particularly noticeable when seen head on, or directly from behind. Eye lighter than the head cap. Size every bit as large as the Coot it swam among, if anything, slightly larger, as the bird was swimming low. It was undoubtedly a specimen of the Red Necked Grebe, the first we have seen.

There was nothing on the Lisvane water so we continued our walk around. On the bend before arriving at the inlet to Llanishen water, Morrey who was leading dropped flat & I did likewise. Crawling up & looking over I saw, within 10 yards of me another Grebe feeding right on the edge of the pitching, reaching down with its head below water, like a feeding Mallard. This bird was much smaller than the other & very black & white & we both saw at once it was the same species as that seen on Kenfig Pool in Oct. viz a Black necked Grebe. It seemed quite unconscious of our presence & we had a splendid view. Beak dark & looking very uptilted. Black cap on head reaching to well below eye level. A Streak of black running from cap to back down back of neck. Cheeks very white & their colour very nearly meeting at the nape, being divided by only a thin streak of black which latter widened out as it neared the back. Lower neck **encreled** by dusky **collar**, rest of neck white. Back black. Breast white with some grey streaks on lower part. Flanks white with irregular & fine horizontal streaks. Eye dark. Was more struck than ever by its resemblance to a Dabchick dressed in black & white. It was not a all shy & we spent quite 10 mins. Watching it at close quarters. The puffed out flank feathers hid

	<p>the edges of the wing but once or twice I thought I could see the white on wing showing this.</p> <p>The Gt Northern Diver seems to have taken its departure as it was nowhere to be seen.</p> <p>Other birds seen were 1 Kingfisher, 2 immature G.B.B Gulls & one or two Black Headed. 6 Magpies.</p>
February 9 th 1922	<p>Morrey called for me at 5.45 P.M., in his car & we visited the lake to set up a hide on the mud there with a view of getting a chance shot at the Smew.</p> <p>Entered by S.E. dam entrance. There was a bright moon & by its light we saw that the lake was quite dry, only the stream flowing thro it.</p> <p>Changed our boots on the bathing stage putting on rubber thigh boots. Set up the tent & we made a start Morrey taking the tent & I some boards for the bottom and a box to sit on. Walked along the edge of the pitching to the outfall & then ventured on to the mud following the course of the brook. The mud was very deep & thick in some places hard in others making walking very difficult. All the Swans Ducks & Geese made off as we neared them. Some of the ducks were wild birds & we could see and hear them passing over in twos & threes. After sundry floundering & several stops owing to boots remaining stuck tight, we reached a spot off the boating stage on the edge of the stream where the mud was hard & a view up & down the water could be obtained. Pitched the tent there & left it making our way back by the track we had come on testing here & there for firmer ground which we found in some places, so making an easier return journey, & mapping out a route to be followed next time.</p>
February 12 th 1922	<p>Morrey having arranged to enter the "hide" at the lake this morning on his own at about 6-30, I went up a 9A.M. to relieve him, a handkerchief at the back being the signal that nothing was doing & he wanted to come out. Passing the Recreation Grounds saw a few Gulls then some 20 in all Common & B. Headed. Reached the S.E Dam entrance at 9 sharp, & spotted the string to which the key was attached, at once. As I could hear the sanitary man at work in the lavatory, I picked up the key & went on to the small gate entering there. Saw that Morrey had the signal out, but waited until the sanitary man had gone before hooting to let M. know I was there. When I did so he looked out & beckoned so I made my way across the dam to the outfall. M. came out of the "hide" & started to stalk something up the stream, but I could not see what. A wagtail on the path a few feet away attracted my attention. Grey head & back. No eyestripe, light buff chin darkening on throat & breast, yellowish flanks & undertail, white feather on either side of tail, & quite a distinct light wing bar. M. gave up his stalk so I went to meet him. It was a male Pochard, the lame one he was after. We decided to strike the "hide" as the Smews were not on the lake & there was nothing else doing. The mud being frozen hard, it was easy to get to the hide without thigh boots. Packed up & carried the kit over to the bathing boxes where we left the "hide", floor & seat.</p> <p>Set off for the reservoir taking the camera. Saw Redwings in the Wild Gardens & a male Kestrel just outside. In the hedge on the road to Woods Covert saw four Long Tailed tits, a most welcome sight & the first we had seen since ten two seen in the Wild Gardens on May. 1st. 1921.</p> <p>Saw a female Reed Bunting below the Llanishen Reservoir. On the water were a number of birds. Some 20. Tufted Ducks, 15 Pochard, & 50-60 Coot. Caught sight of two large Grebes & the glasses showed them to be Great Crested, splendid birds with full frills & crests. Right out on the water was the Black Necked Grebe again, too far away to</p>

	<p>see properly however. Two small ducks next attracted us & these turned out to be Smew, & by their appearance, the two female from the lake. Nearing the pump I caught sight of a very black & white bird, & getting my binoculars on it was delighted to see a fine adult male Goldeneye, a most beautiful bird. The white spot at base of bill below eye was very conspicuous, as were the white neck & breast & white on wing. Nothing on Lisvane water. Half way along west side, caught sight of the Black Necked Grebe swimming close in shore.</p> <p>We both lay down on the pitching & Morrey got his camera together. The bird came closer & closer & eventually Morrey got up when it dived, & ran towards the place getting within range when it came up. He got two snaps & then it got scared & taking wing flew past me into the inlet bay. Here we allowed it to settle down, & later M. got right on top of it & secured some more snaps. It came swimming & diving, right up to me within 5 yards, & then would work back to M. I had a good look at it thro the telescope. The eye is ruby red with a dark pupil, the bill blackish with some light fleshy pink streaks near the face, slender & looking tip tilted. The markings on lower breast & flanks are greyish splashes that look like lines at a distance. In flight tho white secondaries are very conspicuous & I thought I could also see a thin line of white on the primaries. It brought up a snail from the bottom once & seemed to swallow it whole. While Morrey was stalking I searched the water & spotted the Red Necked again. Its bill gave it away & its size. The two Great Crested were near it, & having the three species of Grebes together at once was very useful & a rare occurrence also. The white on the face of the Red Necked slopes up rapidly from the eye to the back of head & then curls around to the chin looking at a distance like a fox shaped patch, the neck below being darker.</p> <p>Other birds seen were 2 Lapwings, a Grey Wagtail. 1 Bullfinch, 1 Yellow Bunting, 2 or 3 Pied Wagtails !. Magpie, & large flock of Starlings. A few, not more than 10 Gulls, & one of them an immature G.B. Banded This bird like the one seen last week spent a lot of its time sitting on the water with wings raised high along its back, frequently flying a few feet & settling again keeping the wings raised all the time. No other gulls identified except B Headed.</p> <p>In field below reservoir we saw Redwings & Fieldfares feeding the the former also seen on Reservoir Grounds.</p>
February 19 th 1922	<p>Very wet & mild. Met Morrey ay Fair Oak at 9 AM. Large number of gulls in the Recreation Grounds as I passed. B' Headed & common mostly. We called in at the lake which is still empty. Only one male Pochard there & nothing else. Went on to the reservoirs. The male Goldeneye is still there & also one of the Smews. There were also 1 male Pochard, 1 male Tufted Duck, & some 80 – 90 coot. Walked around to the inlet. Nothing on Lisvane water but by the inlet we caught sight of the Red Necked Greb & Morey decided to try & stalk it, so we got off the skyline & walked around under cover. M put up his camera & by carefully getting within view of the bird, & waiting until it dived managed to get one shot. I dived when it saw him & came up some 100 yards out, dived again & doubled that distance before coming to the surface again. Fine rain at yhe time & heavy mist on the water. Saw the Black necked Grebe well out in the centre near a large flock of gulls. Among the later were a lot of B Headed with good dark heads, 1 G.B.B. immature, & usual Herring Gulls. On the fish pond below were 1 male & 3 female Tufted Ducks.</p> <p>Nothing else of interest seen.</p>

The Great Crested Grebes have gone. The difference between the Red & Black Necked Grebes is very apparent. The shape of the white they show on the water lines & also on the neck, is roughly as sketches below.



Coltsfoot & primrose seen in flower on the embankment of Llanishen water.

Entered 21-2-22

February 26th 1922

Met Morey at Fair Oak at 9 AM. Pouring again & very mild. Only a couple of B Headed Gulls in the Recreation Grounds. Called in at the lake & found the only birds there were 2 male Pochard. 1 female, 1 female Tufted Duck, & 2 Coot, beside the usual Mallard & Moorhens, the latter around the islands as usual. The lake is still empty. Went on to the reservoirs, the rain continuing to come down hard with a good Southerly wind behind it. On the reaching the water level the first bird we spotted was the Red Necked Grebe alone in to the south pitching. We got into the Control Station and had a long look at it thro the telescope. The bird was fairly near & we were able to see some features clearly we had only slight sights of before. The bill looks bluey black with dark yellow at the base. The eye is dark, too dark for us to see the colour clearly although it looked reddish brown. Top of the head darker than any other part of the birds plumage. The horn like tufts at the back of the head one showing much more than when we first saw the bird, 7 were very noticeable. The base of the neck & shoulders have quite a reddish tinge.

It was quite at ease diving & bringing up a catch once or twice. Whatever it was swallowed without any ??? shaking or head tossing, being held in the bill & swallowed without effort. Preening was carried out, also the bird laid its head flat on its back, throat uppermost, & vigorously rubbed it from side to side. Once it gaped, opening the beak to its fullest extent & keeping it open for some few seconds. Laying its neck well back, it turned its beak in the feathers of the side of breast, & drifted along for considerable spells, working up to resume diving every now and then. It also did the foot fagging trick, noted in the case of the G.N. Diver. Occasionally it took a sip of water.

When suspicious it straightened its neck holding the head very erect & drew offshore. It is capable of travelling considerable distances under water when diving to get away from danger. When compared with the Coot is was feeding amongst, it looks to be slightly longer, but more of its body is underneath than theirs.

Other birds seen were Coot, some 50 – 60, Pochard. 11 (2 female). Tufted Duck 11 (4 male), 1 Smew, female, 1 Golden Eye adult males, the Black Necked Grebe ??? kept well out in the middle of the water. 1 Grey Wagtail, & 1 male Kestrel, the latter being

	<p>watched hovering for some considerable time. Facing a stiff southerly wind, it kept in position in a wonderful manner by means of tail movements mostly. The Smew was seen in flight & on the wing looks very dark with a small white patches on the underside of its wing & a narrow white fringe on the secondaries.</p> <p>There were a number of Gulls on the water mostly B Headed & Common with a few immature Herring or Lesser B Backs.</p>
<p>March 5th 1922</p>	<p>Met Morrey at Fair Oak at 9 AM. Another pouring wet day with a stiff S.W. wind behind the rain. B-headed Gulls in the Recreation Grounds as I passed up. The only birds on the lake were 1 male Pochard, a pair of Tufted Duck, 2 Coot & a few Moorhens.</p> <p>Went on to the Reservoirs. There were almost 60 Coot scattered about, 1 male Tufted Duck, 1 female Smew & Black Necked & the Red Necked Grebe.</p> <p>On Lisvane water we spotted an adult male Goldeneye accompanied by a female. Of the gulls on and over the Llanishen water we saw two flocks entirely composed of Common Gulls about 20 to 30 in each flock., 3 mature Herring Gulls & 6 immature birds either Herring Gulls & 6 immature birds either Herring or Lesser B Backed.</p> <p>The Magpies nest in the fir tree has ??? grown since we examined the beginnings a month ago. It was evident they start building very early as there was a fair amount of stuff there on Feb. 5th.</p>
<p>March 11th 1922</p>	<p>Morrey went down to Kenfig Pool on his own. He reports in the pool a few Tufted Dick, 15 female Goldeneye, 1 female Teal, Mallard & Shellduck. On the sea a big flock of ??? Five Sanderlings on the shore. Redshanks in pairs. Flock of 40 Fieldfairs. No sign of the Merlins although some of the dunes in their locality have fresh traces of kills.</p>
<p>March 12th 1922</p>	<p>Met Morrey at Fair Oak at 9 AM. Fine and dry for a change. Nothing on the lake which is still out but 1 female Tufted Duck & 2 Coot. Went on to Wild Gardens to have a look for nests. Saw a Mistle Thrush fly from a tree over the brook at C.7.d & spotted the nest. The birds are engaged in lining it bringing beakfulls of dry grass. The Kingfishers at C.b.c. have been at work at a burrow fresh earth being at the mouth of same. They have driven in some 18 inches. Last seasons burrow measures some 24. We gaged the lengths with a long stick. Found another Mistle Thrush sitting on a nest at B.3.a. She did not move even when the tree was kicked. The nest was some 12 feet from the ground. Morrey climbed up and the bird went off when he was a foot from the nest. There are 4 eggs in this nest and they look fresh. The only other nest found was a Song Thrushes with 4 fresh eggs in the Rhododendrons at B.7.a. It looks a little bit as if the Magpies are building in the firs A.6.B.</p> <p>Went on to the reservoirs. Met Morgan the keeper who told us that 3 Shellducks were on Lisvane yesterday. Went on & found on Llanishen the usual crowd of Coots some 50 counted. Soon spotted the Red Necked Grebe & right in the middle of the water. Two Black Necked swimming together. Over the far side was another Grebe that turned out to be a second Red Necked. There were also 1 male & 2 female Tufted Ducks. On Lisvane we found the male and the female Goldeneye still in occupation.</p> <p>Also saw 1 Kestrel. 20 or 30 Skylarks. 19 B.H. Gulls. 1 Common. 1 Carrion Crow. 2 mags.</p> <p>Could detect no sign of change in the plumage of any of the Grebe although one of the Black Necked was much darker than the other. The Black Necked Grebes kept together but this was not the case with the Red Necked who appeared to keep as far apart as</p>

	possible although one kept the two Black Necked company for a few moments & afforded us an excellent opportunity to compare size, shape, etc.
March 19 th 1922	<p>Met Morrey at 9 AM. Fine & dull with a bitter east wind that has been blowing for a week now. The lake is being refilled but the only birds seen where two Coot. The the Wild Gardens was saw a Great Spotted Woodpecker & a flock of Redwings & had the pleasure of hearing them sing. The song reminds me of that of a Starlings without the sputtering notes of the later, & all tho birds sang together. The Mistle Thrushes over the brook C.7.d. appear to have has something of a ??? with ?????? arrangements. There were no signs of the birds & Morrey climbing up found the nest empty & the lining pulled about. The Song Thrush in the Rhodendrons has deserted the eggs being quite cold. B.7.a. The other Mistle Thrush B.3.a is all right & sitting. Morrey climbed to the Mags old nest in the fir & found nothing fresh doing there.</p> <p>Went on to the Reservoirs where we found no less than six Grebes. After some trouble & considerable staring we identified them all with certainty as the two adult Great Crested, a pair By the look of them one being much brighter than the other; two Red Necked adults, one Black Necked & one immature Great Crested. We got very near to the latter as they fed near the inlet. The Black Necked caught two very ??? big fish that gave it no end of trouble to swallow. The immature Great Crested was feeding with it. The horns on its head were very apparent, the bill longer & slenderer than that of the Red Necked, the colours being pink or flesh. The black on head did not quite reach to the eye, the area being roughly as sketch</p>  <p>The back and neck appeared reddish brown in colour & this did not quite join the dark cap</p>  <p>This bird was interesting to compare with the two adults. Besides the ???Grebes. there were 40-50 Coot. One male Wigeon. One male & three female Tufted Duck and on Lisvane the pair of Goldeneye took flight & passed close to me. Seen in bright sunlight (for it had clouded) he looked a lovely bird. Walked around Lisvane & noted a couple of Carrion Crows nests in the wood that look new. Saw a Bullfinch, 1 gey & 2 Pied Wagtails, 8 Magpies, 4 Carrion Crows, 1 Kestrel, 2 Partridges & several flocks of Chaffinches. 4 adult Lesser BB Gulls.</p>
March 25 th 1922	Morrey called for me at 6-15 AM in his car. The weather changed yesterday, the wind hailing Around into the west & it rained. Beautiful morning however, wind N.W. & fine &

	<p>sunny. Picked up our hide & bikes etc. from the Bathing stage en route. The lake is $\frac{3}{4}$ full. Nothing to be seen except 1 coot. Went on to Wild Gardens.</p> <p>Spotted a Mistle Thrush flying from the site of nest 1 so climbed the tree & was surprised & glad to find that the birds had not deserted and that there were 3 eggs in the nest. Song Thrush 4. However has not returned so we took the eggs & cut the Rhododendron branch on which the nest was built, out for the museum. Heard the Magpies but did not see them near their old nest. Saw a pair of Tree Creepers & a Marsh Tit. Mistle Thrush 2 is still safe sitting tight. As the brook was low we got under the bridge & I climbed up to the site of the last seasons Grey Wagtails nest & found & pulled it out.</p> <p>Coming down to the office saw a Jackdaw carrying building material to a house in Newport Rd, opposite Roath Court.</p>
March 26 th 1922	<p>Met Morrey at Fair Oak at 9 AM. Beautiful sunny morning, wind N.E. Flock of some 20 Redwings see Botanical Gardens. Nothing on the lake which is very slowly filling up, even the Coot appear to have gone. Went on to the Wild Gardens & had a look around there. No sign of Chiff Chaffs. Mistle Thrush 1 was seen at the nest, Mistle Thrush 2 has young 3 or 4 days old. Kingfishers were heard but not seen. No signs of the Magpies. Went on to the Reservoirs. Some 40 Coot are still there, & we also observed the 2 Red Necked Grebes, 1 Black Necked Grebe, & the immature Great Crested, also 2 female Tufted Duck. No other birds seen on the water except some 20 Black Header, & 1 Common Gull. Other birds seen were 3 Kestrels. (23) 4 Carrion Crows, 1 Grey Wagtail & 1 Magpie. 2 Moorhens & 2 Mallard on small fish ponds. The plumage of the Red Necked Grebes is altering very slowly.</p> <p>The yellow at the base of the bill is particularly vivid and the bill itself is getting blacker & has a whitish tip. ??? colour at back & sides of neck is now distinctly light reddish brown & the top of head warm black-brown. The iris is a very deep brown.</p> <p>The Black Necked is getting very black on the flanks but the rest of the plumage appears unchanged except that the pink patch in front of the eyes is brighter & the top of the head etc. blacker. The flanks appear now as though sparsely spotted with white. The iris is a deep firey ruby. Bill black, fleshy near base. The Goldeneyes have gone.</p> <p>Coming home saw two more Kestrels.</p>
March 27 th 1922	<p>Mr Salmon tells me that Dr Simpson secured from Mr Pettigrew on Saturday (25th inst) a specimen of the Jack Snipe, picked up dead in the Roath Park that morning. A new & interesting species for the Park.</p>
March 30 th 1922	<p>Met Morrey at Fair Oak at 6-15 AM. Quite a dark but fine morning although very cold. Went to the Wild Park & had a look around. Saw nothing of note. No signs of Magpies. Mistle Thrush 1 sitting & No2 is all right also. Walked under the South Bridge by means of the barges & out on to the lake & across to the islands visiting the small centre island, & the N.E. & S.E ones also. No sign of magpies on either although the old nest used last season is all right on the S.E. island & Morrey climbed to it. On the same island a pair of the Grey Lags are nesting & have one egg. No sign or sound of the Chiff Chaffs. On the lake was one female Tufted Duck.</p>
March 30 th	<p>At the B&G Section meeting tonight Miss Acland reported a Chiff Chaff at Hensol on the 19th inst.</p>
March 31 st	<p>Snowing hard since 12 o'clock midday & it is sticking. Hope the Mistle Thrush will stick it.</p>

April 1 st 1922	Snowed all night. Very heavy. NO cars. As I was walking down Newport Road to the Taff Station this morning, just opposite East Grove a Meadow Pipit alighted on the tram track in front of me & then flew off into the Gardens on left. Rather an unusual bird to see in town.
April 2 nd 1922	<p>Met Morrey at Fair Oak at 9 AM. Ver bad riding as the snow has frozen on the road & the brakes were skidding all the time. Nothing of interest on the lake. Visited the Wild Gardens. Mistle Thrush No 1 has been snowed out & the eggs were frozen hard to the lining. The edge of the nest was piled up with snow & we took a photograph of it from the ground. The young have gone from the nest of the Mistle Thrush 2. Evidently taken by the Magpies. Redwings are still about. Went on to the Reservoirs. The Grebes are still there. 2 Red Necked, 1 Black Necked & 1 immature Great Crested. The Black Necked is getting very black underparts as well. Only a strip in front of neck remains wholly white. Saw a small flock of 4 Goldfinches. Black Headed Gulls. 2 Carion Crow, 2 Magpies.</p> <p>In this interval laid up with nephritis & in bed for 3 weeks.</p>
April 30 th	Miss Acland reports having seen a male Pied Flycatcher at Merthyr Mawr on this date ENTERED
May 6 th 1922	<p>Morrey called for me in his car at 2PM. & we went off to Hensol to attempt the G.C. Grebes. Soon had M in the hide & I left & made for the Herons Wood where after some wandering around I discovered 4 nests that were occupied. Took a couple of photographs from the ground & then made my way back to the lake. M had had no luck the birds not venturing back so gave him another hour & left. Had my tea & wandered around down right side of lake. Spotted a couple more G.C. Grebe nests & that was all.</p> <p>On the lake was a Shoveler male, a pair of Wigeon, 3 or 4 Coots, Moorhens, & some 6 or 8 G.C. Grebes. Heard or saw the following migrants for the first time. Sedge Warbler, Cuckoo, Blackcaps, Tree Pipit, Chiff Chaff, Willow Warbler, Sandpiper, Whitethroat, Swifts, Swallows & House Martins.</p> <p>M had no luck so we packed up & reached home 7-30 PM.</p>
May 7 th 1922	<p>M called in car at 9-30 AM. & we made for Hensol again. M entered hide a G.C.Gs & I made off for Hensol Wood again. Looked around there but found nil except a dead fox cub & a Blackbirds nest with 4 eggs some 12 feet up a fir tree.</p> <p>Returned to hide at 1 PM. The birds had been back & M had got a few pictures but wanted a little longer ,so I left him until about 1-30 when he hooted to be let out. We had lunch & then I Thought I would risk an hour in the hide. Entered and waited but after nearly 2 hours gave it up as the birds refused to come to the nest although they would come into the reeds behind.</p> <p>We had tea & then visited the rookery where we found a Ring Doves with 2 eggs, a Blackbird with young & a Jackdaws in a hollow tree with 5 eggs. I also visited as I came ashore from the hide a Moorhens with eggs & a Mallards with eggs. Also saw 3 more G.C. Grebes nest with eggs.</p>
May 8 th 1922	Hearing a report of a Nightingale by St Margarets church, I visited the place at 10-30 PM. & heard nil, & again at 11-15 when the bird was singing beautifully from the garden of the Great House behind the church.

May 9 th	Nightingale singing as I passed St Margarets on my way to business, also singing 8-45AM May 12 th .
May 13 th	<p>M called at 2PM & we set off to try the Grebes at Hensol again.</p> <p>I got into the tent, & after 75 mins wait the female eventually got on the reeds some six inches behind for well over 40 mins, getting nearer by inches with frequent motionless pauses. I secured some 10 exposures during 45 minutes. She only changed her position once & was rather uneasy. The male would no come nearer than the outside of the reeds. M came along & I secured a shot as she covered the eggs before diving off.</p>
May 14 th 1922	<p>M called at 8-30 AM & we once more set out for Hensol. Soon had M tucked up in the hide & I left to explore the marsh between the lake at the Herons Wood. Found nothing so came back to lake intending to go down left side. Got half way & then saw a boat out with a lady & gent in. They were in the reed bed with the 3 Grebes nests. Glasses showed them to be Miss Acland & T.W. Proger. I discretely withdrew & they rowed up & landed & made for the Herons Wood.</p> <p>Hooted up M & got the "return" so had lunch & waited until 1PM. Got the return again so went off down right side only to be recalled by M.</p> <p>Returned & he came out. Had had a fairly good bag. I donned the waders & was soon shut in. Spent a most exasperating 3 hours but got two shots one at the pair with the male on the nest & the female in the water, & the other of the male standing on the nest.</p> <p>The female was very shy & would not get on to the nest although she swam up to it & poked her head over it as though she was going to jump on, only to turn tail & swam off. The male was generally with her encouraging her with hoarse croaks & even heading her off & driving her back, but it was no good. At</p>
May 21st	<p>Site of the Grey Wagtails nest. The bird was sitting and I found the nest contained 4 eggs.</p> <p>Tied the barge up and searched the west side of steam south of shelter. Discovered a Lesser Redpolls nest some 12 feet up an Elder Tree, with the bird sitting. It looked a very loose and untidy structure. Put the bird off and found 3 eggs in the nest. A good place for photography. Retired a few yards and the bird returned and resumed sitting. Two more Redpolls appeared and were chased off by the male who was at hand. Looked in at the Marsh Tit and found the bird sitting tightly so did not disturb her. Visited the Bamboo at North End and found the Bullfinches nest with 4 eggs. Went home for breakfast at 8.30 returning at 9.30. Watched a Spotted Flycatcher and found it was building on a dead limb of an oak. Morrey hooted and I went to him. The magpies had proved bold visiting the nest very frequently. He had secured 6 photographs. Packed up and then showed him the Lesser Redpolls He showed me the Blackcaps in the wood. With 4 eggs.</p> <p>Left the park and went on to the Reservoir where I saw the magpies that had six young. The only bird on the water were 5 Great Crested Grebes (a pair and an odd one) 1 mature Lesser B B Gull, 1 Herring Gull, 1 immature Gull and 4 or 5 Black Headed Gulls.</p> <p>Visited the Carrion Crows nest in the wood but did not climb to it. Heard a Kestrel calling and saw one that seemed to have prey in its talons. Heard Turtle Doves.</p> <p>Coming back past the farm south of reservoir we spoke to the farmer who opened one of the gates for us. He mentioned the Nightingale in Woods Covert and in course of</p>

	<p>conversation told us he had shot a bittern in the rough field below Morgans house, in 1881. We heard the Nightingale in Woods Covert utter some notes of its song as we talked.</p>
May 22 nd 1922	<p>Morrey reports visiting Kenfig yesterday (May 21st) afternoon and finding the Merlin's nest (the pair by the brook) there with 2 fresh eggs. They have changed their quarters again. Also reports finding the head and feather of a Ring Plover evidently killed by merlin with a R.P's egg in the midst of the feathers.</p>
May 23 rd 1922	<p>Met Morrey at Fair Oak at 6AM and went to the Wild Gardens. Had M safely shut up Wags hide by 6.30, and then I proceeded to look around. Climbed the oak where the S. Flycatcher is nesting and found she had made considerable progress with her building. It will be a fairly good place for getting photographs of the foliage if not too heavy by the time the eggs are hatched. Went across the brook and found the Lesser Redpoll sitting quite safely so did not disturb her. The only nest I found was a Blue Tits, the birds being busy feeding the young.</p>
May 24 th 1922	<p>Met Morrey at Fair Oak at 6AM and made for the Wild Gardens. Concentrated on photographing the Lesser Redpolls nest. Still only 3 eggs so evidently this is a full clutch. After lashing some steps to the tree we managed to get some pictures, 4 with my little camera and 3 with M's 71/4 lens. Saw a Garden Warbler, the first we have seen in the Wild Park this season. Very dull and foggy all the time we were out. F16. 10 and 15 secs. M reports seeing a Little Owl in the evening at Lavernock.</p>
May 26 th 1922	<p>M called for me in his car at 5AM, and we set off for Merthyr Mawr and the Little Owls nest. Did the 22 miles in 55 mins and arrived at 5.55. On the way down saw a Little Owl perched on a wall, between Ely and Saint Well. On arrival we climbed the ash tree taking the cameras with us. The eggs have hatched except one and the contents of the nest was 3 young and 1 egg. The young are covered with a close coat of white velvet looking down. Their beaks are black and they have a habit of scratching with their legs in the same way that a dog scratches with its back legs, backwards. They were surrounded with the remains of innumerable cock chafers. No nest only decayed wood dust and etc. We took eight photographs of them in all five with the reflex and 71/4 lens F.16 20 – 30 secs, and 2 with my small camera and 51/4 lens, F16 15 secs Imperial Eclipse Plates. I also took two of the tree from the ground on Ilford Pan Plates. 6 secs. F16 Arrived back at M's house where I had breakfast at 8.15AM. Saw a pair of Goldfinches just outside Bridgend on the way home. Dull and cold.</p>
May 27 th 1922	<p>M called for me in the car at 2.30 P.M., and we set off for Kenfig. Arrived on the sand dunes by the Railway Bridge we left the car and set off for the merlins nest that M had found on Sunday (21st mist) with 2 eggs. As we approached the female rose from somewhere near and flew around, some distance off keck kecking. The male dashed off from the nest when we were about 12 feet from the dune. There were four eggs, one being practically unmarked with a pinkish white ground. Took 2 photos F16 1/25 sec Ilford Rapid Pan's, also one of the site. F32 1/25 sec. same plate. The birds did not come anywhere near but uttered an occasional "keck" from a distance. Walked back to the car and had some tea and then set off for the Morfa Ponds. Arriving we left the car on the North side and railway and walked the remain distance to the ponds, on the water spotted several shoveler drakes and many Mallard. Altogether we saw during the time we spent there, many Mallard, a few (12-15 Teal), 10 Shoveler male and one female, 8 pairs of Tufted Duck, 1 male Wigeon, and best of all 1 male Garganey, the first I have seen and very splendid with his vivid whiteish eye stripe and bluish grey flanks. It looks as though the female was sitting somewhere, and the female Shovelers undoubtedly</p>

	were. The Tufted Ducks appear not to have started nesting yet but they should be doing so in a few days. M showed me 3 Sedge Warblers nests he had found on the 20 th , all now containing 5 eggs. We photographed 2 of these. F32 11/2 + 21/2 secs. Imperial Eclipse Plates. I also took one of the site. F16. 1/25sec same plates. Redshank and Snipe were common.
May 28 th 1922	Met M at Fair Oak at 6.30AM. and visited the Wild Gardens.M went into the Mags hide while I walked around and had a look at the nests. The Spotted Flycatcher was sitting tightly and evidently has eggs. The Lesser Redpolls have hatched two of their three eggs. The Robin has laid one egg. The Marsh Tits nest has been dug out and robbed. The Blackcap female was sitting and still has 4 eggs. Spotted the Mistle Thrushes busy nest building again.
May 30 th 1922	Woke up late so made direct for the Wild Gardens, arriving at 6.30AM. Could see M's bike so looked around and found the key he had left by the S.E. gate, so let myself in. Put up my camera and 17" lens on the tall stand and went over to the Redpolls. The bird was sitting and remained on as I took a snap. F8 1/3 sec Imperial Eclipse. As she was sitting in a rotten position I shook the tree until she left, and then stood by the camera and waited her return. Directly she left she started uttering her alarm note "twee" (long drawn out) and soon there were 5 or 6 other Redpolls fluttering around, one a male in brilliant plumage. The female chased one or two off when they approached too near to the nest. She returned in about 5 mins, and directly afterwards a bird came along and standing on the edge of the nest fed her by regurgitation. As the sitting bird secured the food she fluttered her wings rapidly. The interesting part, was that the bird that fed her was another female, without a trace of colour on her breast. The male was hanging around at the time and also one or two other birds. The Robin was sitting and now has 3 eggs. Went across to the Blackcaps and found the male at home. Moved the leaves within an inch of his head and he turned over on his side in the nest & swore & pecked at me, afterwards creeping off an inch or two and sitting bunched up and uttering a mournful note about six inches from my hand. A very brave performance. The nest contains 2 young and 2 eggs.
May 31 st 1922	Met M at Fair Oak at 6A.M. and went to the Wild Gardens. Tried to get some photos of the male Blackcap sitting. He was on and sat tight as I moved the leaves away from over him and got the camera into position, but a sprig slipping back suddenly startled him off and he refused to return. The nest still contains 2 eggs and 2 young. M found a chaffinch in a nice place and as the female who was on, refused to move we got some pictures of her. Visited the wagtails under bridge and found the nest and four eggs deserted, so pulled it out. The Spot-Flycatcher has four eggs.
June 1 st 1922	Met M at 6A.M. and went to the Wild Gardens. He worked the Mags again while I went across to see if the Blackcaps were all right. Neither of the birds were sitting but the young were all right. Took a photo of the Marsh Tits nesting tree and then walked around. The Great Tits are using their old hole again and one of the birds was sitting and hissed at a small twig I pushed in. took a photo of some Hawthorn blossom and then M hooted and I helped him out. Cut some wire and tied it into the elder near the Lesser Redpolls nest. Saw several specimens of the Silver Ground Carpet.
June 2 nd 1922	Met M at 6A.M. and again visited the Wild Park. Fixed up a camera at the Lesser Redpolls and left it for the bird to return. Robin has 4 eggs now. The Blackcaps are all safe, but no adult was sitting. The redpoll refused to return to the nest so we had to give it up at 7.30. The Chaffinch has young about 5 days old.

June 3 ^d 1922	<p>Met M at 6A.M. and went on to the Wild Gardens. Fixed up camera at Redpolls again. There are only two young two other egg being unhatched. Left the camera and set up my hiding tent in front of the Chaffinches nest. The female was brooding and remained on all the time we were putting up the "hide". Returned to Redpolls but the bird was not on the nest. Watched and saw the female come back feed the young and fly off again carrying a dropping. As it was too damp for snaps we packed up the camera and left. M called for me in the afternoon at 7.20 and we set off for Morfa Ponds. Called on the Little Owl as we passed and found 3 young only, the 4th egg having gone. They were much grown and covered with short grey down. All seemed very sleepy and were huddled together. Arrived at the Ponds we made for the Sedge Warblers nests and opened up one setting up a camera in front of it, and disguised. There were 3 young and 2 unhatched eggs in this nest. Attached t the shutter and retired watched, thro glasses a pair of Buzzards soaring in great circles over Margam Woods. Went back to the end of string and found the bird was on but sitting so deeply in the nest only the tip of her beak and tail were visible. She became so accustomed to us we had only to crouch behind the camera and she immediately returned. Each time she came back small gnat like flies were brought with which she fed the young. She sat with open beak panting in the hot sun. We soon obtained a series of pictures. M investigated the reeds but found nil although a pair of Tufted Duck became agitated every time he entered a certain patch. There were five or six pairs of this species and one odd male so perhaps one pair at least have started to breed. Also saw Shoveler males. Teal, one male Wigeon, and a large number of Mallard mostly males, young Mallard with their mother, Snipe, Coot, Moorhen, Redshank, Lapwing one or two B. headed Gulls, Reed Buntings, Sedge and Reed Warblers. The song of the latter is quite distinct from the Sedge, and the birds seem only to haunt the tall reeds. There appear to be a fair number of this species on the ponds. No sign of the male Garganey we saw here last week.</p>
June 4 th 1922	<p>Met M at 6A.M. and went to the Wild Gardens. Set up one camera at the Redpolls, and the other in the tent at the Chaffinches. M did the Redpolls and I took first turn at the Chaffinches. The male came back almost as soon as I was left by M he brought a green caterpillar in his beak. Did not like the look of the lens so went off without feeding the young and the female with him. For the hour I was in the tent he did not venture back again, but the female made repeated visits bringing caterpillars all the time. Sometimes she remained brooding and was busy pulling bits off the outside of the nest and placing them in the bottom also she removed a couple of feathers from the top side of lining and put them into the bottom somewhere. I hooted at 8 o'clock and M came. He had got two snaps at the Redpolls. He went into the tent and I to the camera at the Redpolls. Spent an hour there but the birds did not return to the nest once although they hung around in the trees close to it nearly all the time.</p> <p>In the evening 8 o'clock I saw a long eared Bat on a window sill in Ty Draw Rd. It was squatting with its ears erected and was unmistakable.</p>
June 5 th 1922	<p>M called for me in the car at 6.45 A.M. and we took the road to Gloucester arriving on the bridge outside the city at 9.15. There we met A Thomas, the Marsh Warbler expert, and under his guidance set off for a day with these birds. He took us to some withy beds just where the Severn splits up into two streams and we soon heard the song of the male Marsh Warbler. Quite different from that of Sedge and Reed, and not unlike a mixture of Blackcap and Nightingale. Our first nest was in a withy and contained one egg. The "basket handles" were well formed, the nest being made of dead grass with a scanty lining of hair, a bulky structure, but not so compact or heavy as a Sedge Warblers or so fragile as a Blackcaps, and larger than the latter. Altogether we had a great day finding no less than seven Marsh Warblers one with 3 eggs and the others in various</p>

	<p>states of construction. All had the typical “basket handles” and were suspended from various plants at a height of about 24 to 30 inches from the ground. One was suspended entirely on the stems of Meadow Sweet, another on Dock stems and another wild Crysanth. Others were mostly supported by withys on Tansy. The ground of the eggs we found were all dead white and Thomas says the greenish ground colour eggs he used to find are disappearing completely the birds laying white ground now. The clutch of 3 were nicely marked. These nests were comparatively easy to see and the spots were given away by the behaviour of the male who was always heard singing, or seen, near the nest, sometimes being flushed from it. While examining the nest and photographing it, he would hang around perching conspicuously on some tall spray and singing incessantly. Seen thus with crest raised, he was the living image of a Whitethroat. This resemblance was very striking. One bird approached to within 4 feet of me, as I stood near his unfinished nest, singing all the time. All the nests were in withy beds, and as the owners were having the tall grasses cut out it seems that all except those that are actually in withys, will be destroyed in a few days time. We also found two Sedge Warblers nests both with 5 eggs, one of them also having a cuckoo egg, a grey type among 5 brown eggs – a Reed Buntings with young, and a Reed Warblers, finished but without eggs. Thomas told us that 5 formed a full clutch of March Warblers, and only once had he found a six. Four were frequent, and sometimes three. Only once had he found a nest with a cuckoo egg in it. The second week in June was the best time for full clutches. The earliest nest he had found with 4 eggs being May 28th. The male made frequent use of the scolding notes of the Whitethroat, thus greatly adding to his resemblance of one.</p>
<p>June 6th 1922</p>	<p>While on Cefn On today I heard Nightjars churring on the hill where the wood has been cut down. These are the first birds I have heard this season.</p>
<p>June 8th 1922</p>	<p>Fair Oak at 6 A.M. but no sign of M. so went on to the Wild Gardens slowly. Waited on the bridge and watched the Redpolls thro my glasses. The young are well feathered and ready to leave. The nest is in a very dirty state. They were visited once or twice as I watched, by their parents and fed. M not showing up, I climbed over the railings and had a look around. Found a Song Thrush sitting on five newly hatched young within 3 yards of the Redpolls nest. Heard a great row going on in the wood so walked over. As I approached I could hear the Magpies taking the leading part closely followed by Mistle Thrushes, Song Thrushes, Blackbirds and Chaffinches, all uttering their alarm and anger notes. Creeping around the Rhododendrons I saw a Magpie leave them closely followed by a Brown owl, the course of the trouble. He was followed by the other magpie and several other smaller birds. The chaos was taken up over by the brook so I followed there and soon had a sight of the owl perched on the top of an oak with the Magpies scolding within a couple of feet of him. This is a first record of a Brown owl for the Wild Gardens. The scolding was still being carried on when I left.</p>
<p>June 10th 1922</p>	<p>Met M at Fair Oak at 7 A.M. and went to the Wild Gardens. The Magpies have taken off their young and were feeding in the tops of the Poplars behind the hide. The Chaffinches have also left the nest and the young Redpolls and Blackcaps were absent yesterday when visited by M. Climbed to the S. Flycatchers nest and saw there were young in it. Fixed up a “dummy” camera there and left it. Found a Willow Warblers nest with young, a Wrens nest finished but unlined in Mistle Thrushes ready for eggs, and watched a pair of Whitethroats who were very busy building. Pulled out the Redpolls nest and examined it carefully. In the foundations were many dead alder stems with the dried cones attached. No twigs, but plenty of dead grass with a very sparing amount of moss, and some willow down. The lining was composed mostly of</p>

	<p>Duck down and feathers with horse hair and a little willow down. The edge of the nest was in a very dirty state, like a Greenfinches.</p>
<p>June 11th 1922</p>	<p>M. called me at 6.30 A/M. & we set off for the Morfa Ponds. Saw two adult Little Owl sitting on telegraph posts on the side of the road at Saint weee. Called at the Little Owls nest at Merthyr Mawr to photograph the young. There are only <u>two</u> now & the body of the 3rd was found trampled into the bottom of the nest & is in a very "high" condition. This appears to have been the largest of the three & must have been dead for some days. The two survivors made very troublesome sitters as they could now fall although not fly. They are feathering rapidly. The nest interior contained the remains of numerous moths and beetles, but no feathers.</p> <p>Arriving at Morfa, M. put on "rubbers" & started to search for Tufted Ducks & Reed Warblers nests. He flushed up a female Shoveler from one patch of reeds who was greatly excited & quacked & hung around in a most suspicious way. After vain searching by M., I eventually spotted the cause of the anxiety thru my glasses. 3 or 4 youngsters about 10-14 days old. Their bills at this early stage show long & heavy looking. Later in the day we saw her out in the middle of the pond accompanied by 4 ducklings – proving that at least one pair of Shoveler have bred here this season. We both started to look for Reed Warblers after this & eventually M. found one nest well out in a very wet spot containing 3 young about 4 days old & one unhatched egg. This nest we photographed after extreme difficulty in getting to it, the lucky finding of a couple of plants enabling me to reach it.</p> <p>Had our lunch & then I changed plates & while I was doing so a male Tufted Duck who had been swimming about by himself was joined by a female who was in a great state of excitement & constantly gave vent to her feelings by grunts & creaky quacks. Both birds eventually flew off. M took my place at the changing bag & I sat down to watch. The pair of Tufted returned in about 5 mins. And alighted on the water in front of me. I watched them in hope of the female returning to her nest which we were pretty certain was in reeds somewhere near. In a moment or two they both got up again & flew right off. Watching them through glasses I saw the female hesitate as though about to alight in a patch of Bullrushes about 2 to 300 yards away. At the same time the male made a left hand about turn & returned towards the pond. The female however changed her mind & did a right about turn returning to the pond over my head & joining the male who had not alighted on the water.</p> <p>Both came down together, but were up again in 2 mins, & once more made for the patch of Bullrushes. This time the female went right down & alighted in the middle of them. The male turning left about, returning to the pond, and alighting there.</p> <p>These actions of theirs seemed to clearly indicate a nest. So I walked over quietly to make sure there was no water there for the female to have perched upon. The place seemed fairly dry & a likely looking spot, so I returned to M. who by this time had finished changing plates. Taking a couple of bamboos with us & the rubbers we set off. M. put on the rubbers & started to explore the reed patch while I stood on high ground & kept a watch for the missing duck. Five mins searching was sufficient, the bird rising a few feet in front of M. right from the middle of the patch. The nest, the first of the Tufted Duck to be recorded for the county, was built in the very centre of a tuft of rushes mostly dead, & was very well screened from above & all round. It was lined with a mass of blackish down with obscure white centres. In this down were numerous small white feathers some with faint greyish tips. There were 10 eggs, very elongated & buffish green in colour. The nest could be reached dry shod although the place was moist &</p>

	<p>swampy, & was at least 150 yards from open water. We took several photographs & left it. In the reed bed was also the deserted nest of a Pheasant with 6 or 7 eggs, & a Reed Buntings completed but containing nothing. A Redshank had been sitting on a post near all the time & was very excited, so I brought over my camera & 17" lens & proceeded to stalk it. Secured several photos both in flight & perched on a post, also a picture of a male Reed Bunting singing from a small bush. We had tea & then visited the Sedge Warblers. All are hatched & contained 5 young each. Took photos of the young in one of the nests.</p> <p>Birds observed during the day were male Wigeon, one Heron, 3 or 4 Shoveler male & 1 female with 4 young. Coot with young. Swans with 8 young. 3 pairs of Tufted Ducks, & a couple of odd males. Many Teal & Mallard, several pairs of Reed Buntings all feeding young. Reed Warblers & Sedge Warblers. Many Snipe, Redshanks & Lapwings.</p>
June 15 th 1922	<p>Met M. at Fair Oaks at 6 A.M. & went to the Wild Garden. Fixed the camera at the Flycatcher & altogether secured 4 exposures at F 4.5, 1/5 sec. Imperial Eclipse Plates. The birds came back constantly but moved very rapidly so had to wait for opportunities when they were more or less quiet before attempting an exposure, the light reaching the nest being so poor.</p> <p>Found a Willow Warbler building & examined the Whitethroats nest which is completed, but empty still.</p>
June 18 th 1922	<p>M. called for me at 6.30 A.M. & we set off for Morfa Ponds, arriving at 8 o'clock. Took our hide across to the Reed Warblers & set it up there. The young one nearby ready to leave the nest. I took first turn inside, and the birds came back quickly & regularly enabled me to get 12 exposures in a short space of time.</p> <p>The parents brought small moths & this is in great beaks full. The excrement was removed & dropped at a distance & if the young voided it over the sides of the nest in the parents absence on their return they would slip down the reed stems often having fed the young and picked up and remove he dropping from the water below the nest. I saw this done three times.</p> <p>When I came out M. took my place. I changed plates & then started off to see the nest we had found last week near the Tufted Ducks. It turns out to be a Reed Buntings & contained 5 eggs, the male bird being at home. The Tufted Duck also took flight & went off. Still 10 eggs. On the pond was another female Tufted with a newly hatched brood of 7 little black balls of down, & M. saw a female Teal leading 4 youngsters round. Returned to find M. out, so we packed up the tent & had lunch.</p> <p>Had a look around after lunch & discovered two more Sedge Warblers with young & another Tufted Duck got up from underfoot leaving a nest with 10 eggs. This nest is very exposed, being built in a slight tuft of rushes about 3 yards from an open channel that leads to the pool. We photographed this & also the Reed Buntings nest & eggs. Saw a female Shoveler with 2 tiny youngsters & also the other female we saw last week. This bird seems to have lost one of its family of 4.</p> <p>Other birds seen were Shoveler, 3 or 4, four male Tufted Ducks that were going into eclipse, their flanks being greatly mottled, 1 male Wigeon, Teal & Mallard in numbers, especially the latter, a pair of Coots building on a tiny island, a pair of Little Grebes, Moorhen, Redshank, Snipe (one being perched on top of a post), Lapwing, Curlew, 1</p>

	Kestrel, 1 Gt. Spot. Woodpecker, 1 Yellow Wagtail, 3 Herons. The Swans & their family of eight.
June 21 st 1922	<p>Met M. at the Wild Gardens & we fixed up the camera at the Flycatcher again. Secured six snaps F 4.6 1/5 sec Imperial Eclipse, but as the birds were rather jumpy it is doubtful if they will turn out all right. The male was shy & refused to venture back but his mate came repeatedly & fed the young, flying off with the droppings when she cleaned the nest.</p> <p>M. showed me the nest of the second pair of this species, in the tree by the bridge.</p>
June 22 nd 1922	<p>Met M. at Wild Gardens. As it was dull we did nothing but take some photographs of the young Flycatchers who now fill the nest to overflowing. There are four of them & they look to be fully fledged & ready to leave at any moment. The branch is giving way under the strain & looks as though it will fall away with the slightest extra weight.</p> <p>The Wrens nest in the wood now contains 5 eggs & the bird was sitting.</p>
June 25 th 1922	<p>M. called for me at 6.45 A.M. & we set off for Morfa. Strong wind & showery. Upon arrival we set up my "hide" on the shores of the south pond in the hope of getting some snaps of the female Tufted Duck & her young. Left it & taking camera went across to the Tufted's nest taking the reflex on a stand & the 17" lens to try for the birds rising from the nests. Focussed on the reed bed where No. 1's nest is & then leaving M. to work the shutter I proceeded to put the bird off. She left pretty quickly as she was still sitting & M. secured her as she rose over the reeds. The Reed Buntings nest alongside is all safe. Proceeding to No. 2's nest & carried out the same plan but no bird went off & examination showed the nest to be deserted. Later we took the 10 eggs for the Museum. Returned to South Pond & M. went into the hide where I created a disturbance at the east end of the pond & so drove the Tufted & her brood to the other end & within range of M.'s camera.</p> <p>Went cautiously back to where we had dumped our stuff & was getting my camera together when M. appeared. He had secured 4 snaps & then the birds had been driven off by an otter that came swimming across the pond.</p> <p>Had lunch & then I donned the waders & went into the hide M. driving up the birds. They turned up pretty quickly & came close in & I secured 5 exposures before they passed out of range to the extreme west end of pond. Came out of the "hide" & found N among the reeds with my camera trying to get some shots of a female Shoveler that had young there. He soon came in wet through, having gone over the tops of his boots & filled both with water. We packed up our traps & left them & went for a walk over the dunes on the shore & right around to the old Gullery where we found some 12 Gulls present 7 discovered 2 nests, one with 3 eggs & one with 1 egg.</p> <p>Returned to the ponds M now being quite dry and packing up we moved to the car where we had tea. Birds seen on & around ponds Mallards (many), Tufted Duck 3 females & 1 male & 6 young, Shoveler 2 females, Teal 8 or 10, Wigeon 1 male, coots, Little Grebes, Moorhens, Redshanks, Snipe, Lapwings, Sedge & Reed Warblers, Reed Buntings & young fledged, Yellow Wagtails fledged & young. Lesser BB, Herring & B. Headed Gulls, Curlew.</p> <p>On the sand hills & shore, Oystercatchers, Redshanks, Ring Plovers, Shelducks a flock of 12 to 15, Wheatears young fledged, B Headed Gulls, male Pheasant.</p>

<p>July 2nd 1922</p>	<p>M called for me at 6.45 A.M. & we set out for the Merlins on the Kenfig Burrows. M. had been down the previous afternoon & constructed a hide so we had hopes of getting some pictures of the birds as he reported all the 4 eggs hatched & the young 7 to 10 days old. Both adult birds greeted us as we neared the nest flying & diving around & uttering excited "krecks" all the time. After cleaning the nest slightly by pegging down the long Marram Grass M entered the "hide" & I left him at 10.15 A.M. Got my camera & went down to the beach but saw nothing exciting & as the wind was very high & frequent rain storms were blowing in I returned again among the sand hills for shelter. Could see the Merlin "hide" a great way off as it is built on the tip of a very high ridge.</p> <p>After 2 hours proceeded to relieve M. & on the way put up the male Merlin from the top of a dune 200 yards from nest. It flew from the direction of the nest. Found M. had exposed a dozen plates of the female but had not seen the male. The young had been fed once, about 11 O'clock.</p> <p>I was soon inside & M shut me in & left. He had hardly gone before the female was back & standing on the edge of the nest. She soon shuffled on to the young and brooded them with her breast not quite covering them as they could be seen all the time. She suddenly left after about 10 mins & immediately returned with prey, plucked. This she proceeded to tear in pieces & fed to the young. The biggest of these received yhe lion's share, the last hatched not seeming to want a lot. A thick & heavy rain storm swept up in the middle of the meal. & she left the prey & brooded the young, head to wind with with lowered wings & breast, tail elevated in the air. The youngsters seemed to be between her legs & under her tail.</p> <p>She lowered her head until her beak touched her feathers. The storm was soon over but she remained brooding until 1.30 although she altered her position often & sat with head well up & tail down. A second & harder storm blew up at that time & once more she crouched with lowered head facing the wind. This passing she shook herself & at 1.45 got up & started to tear the remains of the prey & feed the young. After 5 mins of feeding, she left & returned immediately with another plucked bird. She was very bedraggled with the rain. This second bird was speedily torn up & fed to the young & again the biggest got the most. She swallowed the legs herself also one of the extra large pieces.</p> <p>At 2.5 she brooded again. & at 2-15 M. coming up put her off. We photographed the young (the three biggest have been ringed) & the "hide" & left them. It is evident the male does the hunting while she stays home & broods.</p>
<p>July 9th 1922</p>	<p>M. called for me at 8 A.M/ & we set out for Morfa to see if the Reed Buntings were to be worked. Very dull & cold with strong N.W. wind & threatening rain. Reached Morfa without any rain & went across to the nest. The ponds were very full & the water was 3 or 4 inches deep in the bullrush patch where the Tufted Ducks & Reed Bunting's nests are. Found the Reed B's nest empty evidently the young had been removed by something. The Tufted Ducks had hatched off all night however. As there was nothing for us to do we decided to go back to Kenfig to work the Merlins again. On the way back to the car we saw the Tufted Duck with her brood of 6, the one that had hatched some 3 weeks, but there was no sign of the other bird & her young. Saw 3 other adult T.D.'s & Mallards. Reached Kenfig & left the car by the Prince of Wales & set off for the Merlins. The young were very much grown, tail & wing quills sprouting. The old birds were as usual demonstrative.</p> <p>I took first turn & was soon tucked up in the "hide". The wind was <u>very</u> high & the sand blew in through the back like fine dust. After waiting one & a half hours during which time</p>

	<p>there was no sign or sound of the adults, M came & released me. Heavy showers are constantly blowing up & the youngsters crowded together in a compact ball cheeping their disgust.</p> <p>M. took my place & I went & had some grub afterwards making for the seashore. The weather cleared about 3 o'clock & the sun came out, the wind increased, however. Got on a high dune near the shore that commanded a view of the hide & nest & from there saw the female return to nest twice & feed the young.</p> <p>At 3.30 she left so I walked across & released M who had secured 9 exposures. Took his place at 3.45 & he cleared off. The female returned at 4.15 carrying a small bird & alighted on the grass at back of nest. Here she picked up the prey in her beak & walked down to the side of the nest where she proceeded to tear it up & feed the young. The meal lasted 5 mins & she went off, returning at 4.30 with another small bird. This was also torn yp & fed to the young in about 5 mins, & once more she left.</p> <p>At 4.45 she returned again carrying a small bird. The meal this time occupied 10 mins, * towards the end she singled out the "baby" & fed him very carefully on small pieces. Large pieces were fed to the larger young & some of them found some difficulty in getting them down. She ate a lot herself mostly the bones. Took a dozen pictures during the three visits. M. turned up at 4.10 & we then photographed the young at close range, afterwards packing up. Saw a large flock of over 30 Curlew as we walked back to the car. Had tea there & reached home at 7.45 the weather being fine & sunny</p> <p>Entered 1.12.23</p>
June 5 1922	<p>[crossed out]</p> <p>Marsh Warble 1 egg in withy Sedge Warbler 5 eggs Reed Bunting 5 young Marsh Bunting 5 young Marsh Bunting Building in Mugwort Marsh Bunting do. Marsh Bunting 3 eggs in Mugwort Reed Bunting Building Marsh Bunting do in Meadowsweet Marsh Bunting do in Dock Marsh Bunting do in withy Sedge Bunting 5 eggs & 1 cuckoo egg</p>